Queens College

New College
and
The Graduate School

1988-1989 Catalog

New College and The Graduate School at Queens

1988-1989 Catalog

Volume 10, Number 1

Summer, 1988

Published Annually by Queens College
1900 Selwyn Avenue, Charlotte, N.C. 28274
(704) 337-2200

New College and the Graduate School at Queens admit students regardless of race, color, sex, national and ethnic origin, or handicap to all the rights, privileges, programs and activities generally accorded or made available to students at the college. They do not discriminate on the basis of sex, race, color, national or ethic origin, or handicap in educational policies, scholarship or loan programs, and athletic and other college administered programs.

The catalog for New College and the Graduate School at Queens contains current information regarding the calendar, admissions and degree requirements, tuition, fees and regulations. Such information is not intended to be, and should not be, relied upon as a statement of the college's contractual undertakings.

The Administration reserves the right in its sole judgement to promulgate and change rules and regulations and to make changes of any nature in its program, calendar, admissions policies, procedures and standards, degree requirements, tuition and fees, academic schedule, and any other academic or procedural provision whenever it is deemed necessary or desirable, including, without limitation, changes in course content, the rescheduling of classes, cancelling of scheduled classes or affording alternatives for scheduled classes or other academic activities, in any such case giving such notice as is reasonably practicable under the circumstances.

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QUEENS COLLEGE
Presbyterian College
for women, organized in
1857. Moved to present
site, 1914. Merged with
Chicora College, 1930.

New College
and
The Graduate School

1988-1989 CALENDAR

Fall Term 1988 (Term I)

Wednesday, August 24	Registration, New Students
Saturday, August 27	Classes Begin
Wednesday, October 26	Last day to Withdraw from a Course
Monday, November 21	Thanksgiving Break Begins
Monday, November 28	Classes Resume
Saturday, December 3	Classes End
Monday, December 5	Exams Begin
Saturday, December 10	Exams End

January Term 1989
(New College Only)

Monday, January 2	Classes Begin
Monday/Wednesday/Friday 6-9 p.m	Classes Meet
Saturday, January 28	Classes End

Spring Term 1989 (Term II)

Monday, January 30	Registration, New Students
Thursday, February 2	Classes Begin
Monday, March 20	Spring Break Begins
Saturday, March 25	Classes Resume
Monday, April 3	Last Day to Withdraw from a Course
Wednesday, May 10	Classes End
Thursday, May 11	Exams Begin
Wednesday, May 17	Exams End
Friday, May 19	Baccalaureate
Saturday, May 20	Graduation

Summer Term (Term III)

Calendar dates for the New College and Graduate School will be published in Spring 1989.

1988

AUGUST

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SEPTEMBER

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30	31					

DIRECTORY

If Your Question Concerns	**Call**
Admissions: New College or Graduate School at Queens	337-2313
Academic Advising prior to admission to the college, all programs	337-2392
Academic Advising after admission	
New College Students	337-2327
Graduate Students	337-2315
Billing or Charges	337-2372
Campus Housing	337-2313
Career Planning	337-2337
Computer Use	
Dickson Microcomputer Center or Walker Science Computer Center	337-2303
Dining Hall	337-2409
Dropping or Adding a Course	
New College	337-2327
Graduate School	337-2315
Grades	337-2211
Immunizations	337-2220
Library Use	337-2270
Parking Permit	337-2306
Parking Ticket	337-2306
Registration	
New College or Graduate School	337-2315
College of Arts and Sciences	337-2211
Schedules	
New College or Graduate School	337-2315
College of Arts and Sciences	337-2324
Snack Bar	337-2283
Student ID Card	337-2349
Swimming Pool Use	337-2228
Tennis Court Use	337-2228
Tests	
CLEP Test Information	337-2337
GMAT Test Information	337-2337
Miller Analogy Test Information	337-2315
Transcript Requests	337-2211
Withdrawal from a Course	
New College	337-2327
Graduate School	337-2315
College of Arts and Sciences	337-2211

TABLE OF CONTENTS

CALENDAR ... 1

DIRECTORY ... 2

THE COLLEGE

History of Queens College ... 6
Accreditation and Memberships ... 6
New College ... 6
The Graduate School ... 7
The Honor Code ... 7
Public Information ... 8
Everett Library ... 8

STUDENT SERVICES

Academic Advising ... 10
Student Associations ... 10
Computer Facilities ... 10
Career Center ... 11
Bookstore ... 11
Dining Hall ... 11
Housing ... 12
Pool and Tennis Courts ... 12
Health Center ... 12
Public Safety ... 12

TUITION AND FEES ... 13

FINANCIAL AID ... 17

NEW COLLEGE

Admission ... 24

Academic Policies

Catalog of Entry ... 28
Record of Immunization ... 28
Registration ... 28
Drop and Add ... 28
Withdrawal From a Course ... 29
Withdrawal From the College ... 29
Attendance Policies ... 29
Records of Progress ... 30
Eligibility to Continue ... 30
Transferred Credit ... 30
Residency Requirement ... 30
Dual Enrollment ... 31
Student Classification ... 31
Student Class Status ... 31
Term Load ... 31
Examinations ... 32
Grades and Quality Points ... 32
Auditing Courses ... 33

  Academic Standards and Student Qualifications 34
  Dean's List 35
  Graduation Declaration 35
  Graduation with Honors 35
Requirements for the Bachelor's Degree 37
Undergraduate Degrees
  Bachelor of Arts Degree 41
    Accounting Major 41
    Business Administration Major/Minor 41
    English Major/Minor 42
    History Major/Minor 43
    Psychology Major/Minor 44
  Bachelor of Science Degree 45
    Communications Major/Minor 45
    Computer Based Business Applications Major 46
    Computer Science Major/Minor 47
    Radiologic Technology Major 48
  Bachelor of Science in Nursing Degree 48
  Bachelor of General Studies Degree 50
Certificates 51
Undergraduate Course Descriptions
  Art 53
  Biology 54
  Business Administration 55
  Chemistry 61
  Communications 61
  Computer Science 64
  Economics 67
  English 68
  Environmental Science 73
  French 73
  History 74
  Humanities 78
  Interdisciplinary Studies 79
  Mathematics 79
  Music 81
  Nursing 82
  Philosophy 86
  Physics 86
  Political Science 86
  Psychology 87
  Religion 90
  Sociology 90
  Spanish 90

THE GRADUATE SCHOOL
Admission 92
Academic Policies 95
  Catalog of Entry 95
  Registration 95
  Record of Immunization 95
  Term Load 95

Dual Enrollment....95
Dropping and/or Adding a Course....96
Grading System....96
Pass/No Record....96
Incompletes....96
Withdrawal From a Course....97
Withdrawal From the College....97
Automatic Withdrawal....97
Eligibility to Continue....97
Transfer Regulations....98
Leave of Absence....98
Time Limit....98
Graduation Requirements....99
Graduate Degree Programs....100
Master of Business Administration....100
Master of Education....103
Master of Nursing Administration....105

Graduate Course Descriptions

Business....109
Economics....111
Education....112
Mathematics Education....113
Nursing....114

BUSINESS ADVISORY COUNCIL....119

DISTINGUISHED EXECUTIVE LECTURERS....121

BOARD OF TRUSTEES....122

ADMINISTRATION....124

FACULTY....126

DEGREES CONFERRED 1987-88....134

CAMPUS MAP....137

THE COLLEGE

Queens College, private and Presbyterian, is a diversified academic community serving a variety of learners, both men and women, of all ages. Basic components of the academic community are the College of Arts and Sciences, New College, and the Graduate School. In addition, Queens College offers non-credit coursework through the Queens Institute for Lifelong Learning and through Queens Compute.

HISTORY OF QUEENS COLLEGE

Queens was founded in 1857 as the Charlotte Female Institute. Upon affiliation with the Presbyterian Synod of North Carolina in 1896, it was known as the Presbyterian College for Women. In 1914, the move was made to the present campus in Myers Park, and it became Queens College. Through the merger with Chicora College in Columbia, South Carolina, in 1930, Queens became related to the Presbyterian Synod of South Carolina. With the creation of the Synod of the Southeast in 1973, Queens' official church relationship was extended to include Presbyterians in Georgia as well as those in the Carolinas.

The Board of Trustees holds title to the property of the College and is responsible for Queens' total program. The 34-member board — composed of business, professional, religious, and alumni leaders — is elected by the Synod of North Carolina (10 members), the Synod of the Southeast (8), trustees (12), and the Queens College Alumni Association (4).

The New College, an undergraduate coeducational unit of Queens College, and the Graduate School, were both authorized by the Board of Trustees on April 30, 1979. Approval was also granted for the Master of Business Administration as the first graduate degree program to be offered by Queens College.

ACCREDITATION AND MEMBERSHIPS

Queens College is fully accredited by the Southern Association of Colleges and Schools. The North Carolina Department of Public Instruction has fully accredited the education programs. The Nursing program is accredited by the National League for Nursing and approved by the North Carolina Board of Nursing. Queens is also approved for veterans' education.

Queens College is a member of the Southern Business Administration Association, the American Assembly of Collegiate Schools of Business, and the Conference of Southern Graduate Schools.

NEW COLLEGE AT QUEENS

New College offers undergraduate liberal arts degrees and professional programs for men and women of the community. New College is firmly grounded in the liberal arts tradition, emphasizing the joy of learning within a framework of continuing personal and intellectual development. The curriculum is designed to enhance the pursuit of personal and professional goals.

New College offers four degrees and ten majors: the Bachelor of Arts degree with majors in Accounting, Business Administration, English, History, and Psychology; the Bachelor of Science degree with majors in Communications, Computer Based Business Applications, Computer Science, and Radiologic Technology; the Bachelor of Science in Nursing degree; and the Bachelor of General Studies degree.

New College also offers course work leading to certificates in Computer Based Business Applications, Computer Based Accounting, and Written Communications.

THE GRADUATE SCHOOL

The Graduate School provides post-baccalaureate, coeducational opportunities for advanced study and research in demanding and distinctive academic and professional programs. The Graduate School is designed to offer a stimulating, challenging and scholarly community for the maximum intellectual and personal development of both students and faculty.

The Graduate School offers: a Master of Business Administration degree; a Master of Education degree with programs in Middle Grades and Intermediate Grades education; and a Master of Nursing Administration degree.

THE HONOR CODE

The Honor Code is one of the cherished traditions of Queens College and is of fundamental importance in the educational experience. The Honor Code regulates all phases of college life and is binding on all members of the community. The Code is based on three basic principles: (1) truthfulness at all times, (2) respect for the property of others; (3) honesty in tests, examinations, term papers and all other academic assignments.

When a student applies for admission to the College, he or she is accepting the responsiblity of the honor system. This enables that student to enjoy the freedom and privilege of living in a community governed by mutual trust and respect.

THE HONOR PLEDGE

As a member of the Queens College community, I do hereby resolve to uphold the Honor Code of the College and endeavor to create a spirit of integrity and honor for its own sake.

I pledge truthfulness at all times, respect for the property of others, and absolute honesty in the performance of all academic work. Realizing that the Honor Code places upon me demands as well as privileges, I resolve to report any student, including myself, who may violate any of the principles of the Honor Code.

I understand the Honor Code and realize that a plea of ignorance will not be accepted by the college community.

THE JUDICIAL COMMITTEE

Suspected violations of the Honor Code are heard by an undergraduate or graduate Judicial Committee. Additional information is available in the Graduate School and New College Office.

PUBLIC INFORMATION

Information concerning the following items on individual students is considered Directory Information and is public: full name, local address, home address, telephone number, date of birth, major field of study, dates of attendance at Queens College, class year, degrees, honors and awards received, participation in officially recognized college activities and student organizations, parents' or spouse's name(s), class schedules, and religious affiliation.

This information may be released or published without the student's consent. However, students who do not wish this information or any part of it to be released or made public may inform the Registrar's office, in writing, within 10 days after registration for each term. The Registrar will notify other college offices of such requests. Students should understand that if they withhold directory information, it will not be released to anyone unless the health or safety of an individual is involved.

CONFIDENTIAL RECORDS

All personally identifiable material on particular students used to make decisions about students or used for transmittal to others outside the college and which is other than public material, as defined above, is considered confidential. Confidential information includes, but is not limited to the following items: academic evaluations, advising records, disciplinary records, financial aid records, letters of recommendation, medical or health records, clinical counseling records, transcripts, test scores, and other academic records.

EVERETT LIBRARY

The collections and services of Everett Library are available to all students enrolled in New College and The Graduate School. Students have free access to the stacks and may receive instruction in the use of the library at any time.

Through the generosity of Herschel Hill Everett, Chairman of the Board of Trustees from 1952-1967, and his wife, Cornelia Nisbett Everett, the collection was moved in 1960 into the present facility. Colonel J.N. Pease designed the building, and Edmund Lewandowski's mosaic on the facade, depicting the areas of knowledge available within the liberal arts, has become the visual focal point for the dormitory quadrangle.

The library collection is the core of the academic community and is designed to support all the programs of the college. Over 114,000 books and bound periodicals have been assembled in open stacks for students use. In addition, the library currently subscribes to 622 periodicals and retains the **New York Times** on microfilm from 1910 to the present. Approximately 2000 books are added to the collection each year. Everett library is a member of the Federal Depository Library System and maintains a collection of approximately 25,000 U.S. government documents.

Although the book collection is centrally housed in Everett Library, the Music Department maintains a collection of phonograph records and scores pertaining to the history and performance of music.

The library is a subscriber to DIALOG, a computer search service which includes references and abstracts for published literature in many subject areas, statistical tables, and business and financial data. This service is available to students, faculty and staff.

The Margaret Louise Chapman Instructional Media Center is located on the lower level of the library. Donated by the friends of the Library in 1982, it is a full-service media center with equipment and facilities for the production and use of audio, video, film and photographic software. Production, listening and viewing rooms are available as well as computer terminals linked to the VAX located in the Computer Center.

The Education Department's state-adopted textbook collection is also housed on the lower floor in the Curriculum Lab.

A Special Collections Room houses Charlotte's Imprints, books on the history of Mecklenburg County, and materials relating to the history of Queens College.

During the two main academic sessions the library is open from 8 a.m. to 1 a.m., Monday through Thursday; 8 a.m. to 6 p.m. on Friday; 10 a.m. to 6 p.m. on Saturday, and 2 p.m. to 11 p.m., on Sunday. During exams the schedule is extended. During January and Summer terms the schedule is reduced.

STUDENT SERVICES

ACADEMIC ADVISING

In order to maximize the success of the student's educational experience, academic advising is available and encouraged for all students. The Advisor is to be used as a resource in planning course schedules and meeting graduation requirements.

The Director of New College is the primary advisor for most New College students. Students with special needs may be assigned a faculty advisor by the Dean. Faculty advisors are assigned for each graduate program.

It is the student's responsibility to schedule advising appointments as often as necessary in order to plan course schedules for each term and to discuss current academic problems.

Though the College makes every effort to counsel the student in planning a program and selecting courses of study, the student is finally responsible for fulfilling all requirements for a degree.

STUDENT ASSOCIATIONS

Student Government Association

New College Student Government, organized in 1981, is the formal means for student involvement in the operations and activities of New College. Representatives are elected each fall by the student body and serve as liaisons between students, faculty and administration.

Phi Alpha Theta

The Alpha Gamma Kappa Chapter of Phi Alpha Theta, the international Honor Society in history, was installed in 1985. A member of the Association of College Honor Societies, the Society promotes history through the encouragement of research and the exchange of learning and thought among historians.

Juniors who have completed at least four history courses with a GPA of 3.100 or better, and an overall GPA of 3.000 or better for two-thirds of the remaining work completed, are eligible for candidacy for membership.

Membership in Phi Alpha Theta is for life and is recognized by the U.S. Civil Service Commission as a credit qualifying for GS-7.

COMPUTER FACILITIES

The Walker Science Computer Center is located in Walker Science Building and houses a DEC VAX 11/750 central computer and several microcomputers manufactured by CEC and IBM. The central computer is equipped with 540 million characters of on-line disk storage, 30 terminals at various locations around the campus, and a 600 line per minute printer. Queens is a subscriber to the North

Carolina Educational Computing Service (NCECS) and thereby has remote access to the Triangle Universities Computation Center (TUCC) at Research Triangle Park, N.C. Hardware at TUCC includes an IBM 3081, as well as a number of small computers. NCECS and TUCC support an extensive selection of software.

The Dickson Microcomputer Center provides microcomputer suppport for academic courses. The center houses nineteen IBM Personal Computers with dual disk drives and graphics capability, ten dot matrix printers, and one letter quality printer. Software available includes complete commercial versions of spreadsheet, database, word processing, project management, accounting, linear programming, and other application packages. The center is used as both a classroom and an open laboratory. Hours for laboratory use are announced at the beginning of each academic term.

QUEENS CAREER CENTER

The Queens Career Center provides various personal and group services to Queens students and to members of the community. The center offers individual and group career/life planning services. Fees are set at $50.00 for individual counseling for New College and graduate students. Fees for workshops and testing may vary.

Currently enrolled students are encouraged to utilize the library resources in the Career Center at no charge. These resource include full and part-time job listings.

The Queens Career Center is located on the second floor of Jernigan Building with staff offices and an extensive Career Library. The center is open from 8:30 to 5:00, Monday through Friday.

BOOKSTORE

The Queens College Bookstore is located in the basement of Morrison Hall and may be entered from a door on the Selwyn Avenue side of the building. Regular bookstore hours are 9:00 a.m. to 6:15 p.m., Monday through Thursday, and 9:00 a.m. to 4:00 p.m. on Friday. In addition to textbooks and academic supplies, the Bookstore also sells beverages and some snack foods.

DINING HALL

Morrison Dining Hall is open from 5:15 p.m. to 6:30 p.m. for dinner. There is a dinner ticket program that currently enrolled students may use. A ten-ticket packet may be purchased from the Office in Morrison Dining Hall and used for any dinner during the semester except Wednesday night family style. A single ticket may be purchased at the door.

Other facililties available for students include the Snack Bar located in the Jernigan Building which operates Monday through Thursday from 8 a.m. to 9 p.m. during the Fall and Spring terms. Vending machines for student use are located in the basement of McEwen Building, the first floor of Dana Building, and the first floor of Jernigan Building.

HOUSING

Accepted New College and Graduate School students may live on campus in Albright Hall as part of the Live, Work and Study Program. The monthly charge is $250.00 for a furnished private room or $215.00 for a furnished shared room. A kitchen is provided on the hall with meal plans available in the Dining Hall. For further information, contact the Dean of Student Development at 337-2226.

POOL AND TENNIS COURTS

New College and Graduate School students with student ID's may use the swimming pool and five tennis courts, three of which are lighted. Open Hours for the pool are posted each semester. Tennis court access cards are available from the Physical Education Office during Fall and Spring terms only. A deposit is required. For more information, call the gymnasium, 337-2228.

HEALTH CENTER

New College and Graduate students may receive immunizations for measles, rubella, diphtheria and tetanus at the Health Center for a nominal charge. The Center is open 24 hours a day from 3:00 p.m. Sunday until 3:00 p.m. Friday during Fall and Spring terms. Please call 337-2220 for an appointment.

DEPARTMENT OF PUBLIC SAFETY

The Public Safety Department was established to maintain a safe environment for the college community. Officers with the department are commissioned Campus Police Officers by the Attorney General of North Carolina and have full police powers on campus. Officers patrol the campus 24 hours a day and are on duty year round, including holidays. The Director of Public Safety not only has responsibilities for police and security functions, but also enforces all safety and fire regulations on campus.

Parking

A student parking permit is available at the Office of the Department of Public Safety, located in the Stultz Building. The permit is valid for one academic year and allows the student to park in assigned lots and unrestricted zones during times indicated in the Queens College Rules and Regulations Handbook.

Escorts

Persons may call (Ext. 306) or come by the Public Safety Office and request an escort to or from the parking lots. This service is available 24 hours a day. Please keep in mind that it might take a few minutes to give you the assistance because of other duties or emergencies that may arise.

Emergency Telephones

Telephones are located in each of the parking areas and buildings on campus. These should be used by persons requesting assistance or in need of help from Public Safety (EXT. 306).

TUITION AND FEES

While the Board of Trustees and the Administration of the College reserve the right to adjust the schedules at Queens at any time, the following basic fees have been established for the fiscal year 1988-89.

An initial deposit of $50.00 is required from new students within 30 days of notification of acceptance. This deposit is applied toward tuition and is non-refundable within 30 days of registration for the applicable term.

Undergraduate Tuition

Tuition Per Credit Hour	$125.00

Undergraduate Fees

Application Fee (non-refundable)	
Degree Candidate	15.00
Special Student	5.00
Registration Fee (non-refundable)	10.00
Late Registration Fee (non-refundable)	5.00
Transcript Fee (if necessary)	3.00
Graduation Fee	50.00
Parking Permit	10.00
Identification Card Replacement	3.00

Graduate Tuition

MBA Per Credit Hour	$150.00
MNA Per Credit Hour	$150.00
MLA Per Credit Hour	$140.00
MEd Per Credit Hour	$140.00

*Master of Education students should note details of the Scholarship program on page 18.

Graduate Fees

Application Fee (non-refundable)	20.00
Registration Fee (non-refundable)	10.00
Late Registration Fee (non-refundable)	5.00
Transcript Fee (if necessary)	3.00
Graduation Fee (Cost of purchasing Masters hood is not included)	65.00
Parking Permit	10.00
Identification Card Replacement	3.00

Course Fees and Lab Fees

Specific course fees and lab fees are listed with the course descriptions in the Catalog. Students pay these fees in addition to the appropriate tuition for the courses. Applied music course fees are as follows:

Weekly half-hour private music lesson	$75
Additional weekly half-hour private music lesson in same or different applied area	$60
Practice studio rental	$15
Instrument rental	$15
Organ practice	$25

LIVE, WORK, STUDY FEES

A fee schedule for the Live, Work, Study program may be obtained from the Office of Student Development.

CLEP AND CHALLENGE EXAMINATIONS

The fee for each CLEP (College Level Examination Program) test is $30. The fee for each internally set challenge examination is $75. A recording fee of $20 is charged for each course added to the student's transcript.

DUAL ENROLLMENT IN QUEENS COLLEGE OF ARTS AND SCIENCES

Tuition for the College of Arts and Sciences is $140.00 per credit hour for 11 or fewer credit hours. New College and Graduate School students who take a course in the College of Arts and Sciences will pay the College of Arts and Sciences' tuition. Students who take *12 or more credit hours in the College of Arts and Sciences* must pay its comprehensive fee of $3,375 for the term. However, post-baccalaureate students seeking teacher certification will not be charged this comprehensive fee for the student-teaching 12-hour block; they will pay the College of Arts and Sciences rate of $140.00 per credit hour for this course work.

REGULATIONS REGARDING PAYMENT

Upon signing the application for admission, the applicant accepts as binding all fees and regulations set forth in the Catalog.

1. A student is not permitted to attend classes until satisfactory arrangements have been made to meet all financial obligations. Continued class attendance is contingent upon maintaining good financial standing throughout the term.
2. Credit for financial aid is divided equally between the fall and spring terms.
3. Discount or scholarship awards may not be applied against the initial $50 deposit.
4. Diplomas, certificates, and transcripts are granted only when the student's accounts have been paid in full.

DEFERRED PAYMENT PLANS

Queens College offers two deferred payment plans: a Scheduled Payment Plan and a Company Assistance Plan.

I. Scheduled Payment Plan

Scheduled Payment Plans are available for Term I, Term II, and the Summer Term. The Scheduled Payment Plan is not available for the January Term.

Payments for Term I may be made in four equal installments, payable at registration and on the 15th of September, October, and November. Payments for Term II may be made in four equal installments, payable at registration and on the 25th of February, March and April. Summer payment dates will be publishd in the spring prior to registration for the Summer Term.

A deferment fee is incurred each term during which the Scheduled Payment Plan is selected. A late payment penalty is incurred if an installment is not paid during the month in which it is due. This penalty is assessed on the last day of each month for each past due installment or portion thereof. The schedule of deferment fees and late payment penalties is available in the Business Office.

II. Company Assistance Plan

If a student's employer is paying all or part of the student's tuition, Queens College will defer payment of that portion of tuition until eight weeks after the end of the term.

A deferment fee is incurred each term the Company Assistance Payment Plan is selected. A late payment penalty is incurred if an installment is not paid during the month in which it is due. This penalty is assessed on the last day of each month for each past due installment or portion thereof. The schedule of deferment fees and late payment penalties is available in the Business Office.

WITHDRAWAL AND FINANCIAL OBLIGATIONS

Withdrawal — Academic Ineligibility

A student determined to be academically ineligible to return by the Student Qualifications Committee of the College will receive a refund if the student has made payments or has a credit balance toward the next term's tuition and fees. Such decisions are made at the end of each term.

Withdrawal — Illness

Students who withdraw from the College during the academic year as a result of illness will have tuition and lab and course fees prorated as of the date of withdrawal, provided the physician recommends withdrawal in a letter submitted to the Office of the Graduate School or New College.

Withdrawal — Other Reasons

Students who withdraw from the College during the academic year on their own initiative will have tuition and lab and course fees prorated as of the date of withdrawal as follows.

	TERM I	TERM II
25% charged if withdrawing by	9/16/88	2/17/89
50% charged if withdrawing by	9/23/88	2/24/89
75% charged if withdrawing by	9/30/88	3/3/89
100% charged if withdrawing after	9/30/88	3/3/89

Proration dates for the Summer Term will be published prior to registration. There will be no refund of tuition or fees in January Term after registration.

Students suspended by the College will be subject to tuition proration according to the above schedule.

Students who feel that individual circumstances warrant exceptions from the above-stated policy may appeal to the Financial Policies Committee, provided such appeal is made in writing to the Treasurer and Business Manager before the end of the term for which proration is requested.

WITHDRAWAL INVOLVING FINANCIAL AID

If the Business Office determines that the student is due a refund and all or part of the student's institutional charges were paid with financial aid funds, all or a proportionate part of the total refund must be returned to the Title IV Financial Aid Accounts and may be returned to other financial aid accounts if necessary.

Amounts to be returned will be determined as follows:

1. $\frac{\text{Title IV Aid}}{\text{Total Aid Package}}$
2. This fraction will be applied to the total refund due.
3. The resulting amount is the amount of the Title IV funds to be returned to Title IV Programs.

Queen's policy is to distribute this amount of funds to Title IV Programs in the following order, in no case exceeding the total amount originally awarded from that fund.

Undergraduate
(1) Supplemental Educational Opportunity Grants
(2) Perkins Loans
(3) Pell Grants
(4) Guaranteed Student Loans
(5) Other Programs (State and Institutional)

Graduate
(1) Perkins Loans
(2) Guaranteed Student Loans
(3) Other Programs (State and Institutional)

FINANCIAL AID

Queens makes every effort to meet the demonstrated need of students. Both undergraduate and graduate students must take six credit hours at Queens in order to be eligible for any financial assistance. Although many students who are employed may not qualify for grant assistance on the basis of need, the Student Aid Office will seek to determine sources of loan assistance whenever possible.

QUEENS SCHOLARSHIPS AND FELLOWSHIPS

Undergraduate

Karl and Anna Ginter Fellowships range from a $300 honorarium to a maximum of $2,000 annually, and are awarded to new degree candidates enrolled in New College. Awards are made on the basis of academic promise, personal achievement, and outstanding character. Fellowship recipients must take a minimum of 12 credit hours per year (including summer) and must maintain a cumulative grade point average of 3.0.

Each degree candidate is eligible to apply for a Ginter Fellowship only upon entry into the program. Awards are made annually. Applications are available through the Admissions or Financial Aid Offices.

James D. Vail III Fellowships are available to New Dimensions and Registered Nurse students who are pursuing a BSN and exhibit promise, leadership, and academic achievement. The Fellowships range from $300 honorarium to a maximum of $2000 annually. Awards of these fellowships are made annually; application may be made through the Financial Aid office. James D. Vail Fellows are selected by the Division of Nursing Admissions and Placement Committee on the basis of academic achievement, community service, and leadership.

Ministerial Tuition Remission is available to any undergraudate student who is the dependent or spouse of an active Presbyterian minister. Dependents of active ministers of the Presbyterian Church U.S.A. Synods of North Carolina and the Southeast will receive a 20% tuition remission. Dependents of active ministers in all other Synods of the Presbyterian Church U.S.A. will receive a 15% tuition remission.

Graduate

Blumenthal Fellowships made possible by the Blumenthal Foundation, range from a $300 honorarium to a maximum of $2000 annually and are available to Master of Business Administration (MBA) students who are truly outstanding in academic achievement and potential. Blumenthal Fellows are selected on the basis of academic achievement, community service, and outstanding character.

Any student accepted into the MBA progm is eligible to apply for a Blumenthal Fellowship. The student must have a GMAT score of at least 525 and a minimum total index of 1150 (QPA × 200 plus GMAT score). The opportunity to apply or to be nominated for this fellowship is only available upon entry into the graduate program. Awards are made annually.

Blumenthal Fellows must attend and participate in The Blumenthal Conference on Business Ethics held annually at Wildacres Retreat in Little Switzerland, North Carolina. Fellows' expenses are covered by the Foundation.

MEd Scholarships of 50% of graduate tuition are available to all qualified MEd applicants. To apply for the MEd Scholarship the student must complete the appropriate form supplied by the Admissions Office.

Margaret C. Vail Fellowships range from a $300 honorarium to a maximum of $2000 annually. These awards are available to Masters of Nursing Administration (MNA) students who are outstanding in academic achievement, leadership and promise. Degree candidates are eligible to apply for the Margaret C. Vail Fellowship upon entry into the program. Awards are made annually and applications may be obtained through the Financial Aid office. Fellows are selected on the basis of academic achievement, community service and leadership.

FEDERAL PROGRAMS

Undergraduate

1. ***Pell (BEOG) Grants*** are available to eligible undergraduate students on the basis of financial need. The maximum grant is $2200 for full-time enrollment (12 hours) and varies depending upon enrollment status, and financial need. Half-time (6 hours) enrollment is required. A student may submit the Student Aid Report resulting from filing an application for Federal Aid to the Office of Financial Aid at Queens to determine the amount for which he or she is eligible. A signed copy of the 1987 income tax return is required for all documentation before the awarding of a Pell grant.
2. ***Supplemental Education Opportunity Grants (SEOG)*** are available on an annual basis to undergraduate students demonstrating need. These grants range from $200 to $2,000 and may be renewed from year to year depending on need.
3. ***The College Work Study Program (CWSP)*** assists qualified students in meeting educational expenses through employment on campus during the academic year at a specified hourly rate. Eligiblity for this program depends upon financial need.

Undergraduate and Graduate

1. ***Perkins Loan (National Direct Student Loan)*** program permits students with established need to borrow as much as $4,500 during their first two years of undergraduate enrollment, and up to a total of $9,000 during the undergraduate programs. Students with extreme need may be eligible for loans for graduate study. The total loan limit for undergraduate and graduate study is $18,000. These loans bear a 5% annual interest rate during repayment. Repayment begins six to nine months after the borrower ceases to be at least a half-time student and may extend over a period of 10 years. If the borrower enters certain public-service occupations, the loan may be cancelled.
2. ***The Guaranteed Student Loan Program*** permits students, upon recommendation of the College, to borrow from a bank or other financial institution with a federal government guarantee of repayment. Payments are usually deferred until after the student completes school. Terms for these loans and of guaranteed interest arrangements may be obtained from participating banks or agencies in the state where the student resides. The College will advise the student in the process. North Carolina residents should apply for the N.C. Insured Student Loan through College Foundation, Inc. (see State Programs). The amount of funds available under federal programs is determined by the U.S. Department of Education and congressional action. Students' awards vary with availability of funds and program regulations, subject to annual legislative changes.

STATE PROGRAMS

Undergraduate

1. ***North Carolina Legislative Tuition Grants (NCLTG's)*** in the amount of $1,100.00 per academic year are available to North Carolina residents pursuing their first bachelor's degree and enrolled for 12 credit hours per semester.
2. ***The N.C. Student Incentive Grant (NCSIG)*** is available to North Carolina residents who are full-time students and who demonstrate extreme financial need. Grants range up to a maximum of $1,500 for eligible students. Need analysis (FAF) report must be sent to the NCSIG Program in Raleigh, N.C. before March 31.

Undergraduate and Graduate

The North Carolina Insured Student Loan Program permits state residents enrolled at least half-time (6 hours) to borrow up to $2,625 until they have successfully completed the second year of an undergraduate program, and $4,000 per academic year until completion. Graduate students may borrow up to $7,500 per year. The maximum loan limit for undergraduate study is $17,250 and $54,750 for graduate and undergraduate borrowing. Interest rates are currently 8%, and interest and payments are deferred until the student completes school. All students must submit a ***Financial Aid Form*** in order to determine eligibility. Loan applications should be required directly from the lender:

College Foundation, Inc.
1307 Glenwood Avenue
Raleigh, N.C. 27605

State programs are subject to federal and N.C. legislative changes.

APPLICATION PROCEDURES

To apply for federal and state financial assistance, students must have been admitted to the College as degree candidates and must complete and submit two application forms:

1. The Queens College Application for Financial Aid to be submitted to the Director of Financial Aid, Queens College, Charlotte, North Carolina 28274.
2. The Financial Aid Form (FAF) to be submitted to the College Scholarship Service, Box 2700, Princeton, New Jersey 08541. The student should list Queens College, Charlotte, N.C., CSS code 5560, as the institution to receive the report.

A copy of the 1987 Income Tax Return may be required for verification purposes, as well as other documentation as requested.

Application for financial aid should be submitted by entering students as soon as possible. Notification of action by the College will be sent after Queens receives an evaluation of the applicant's need from the College Scholarship Service.

FINANCIAL AID POLICIES

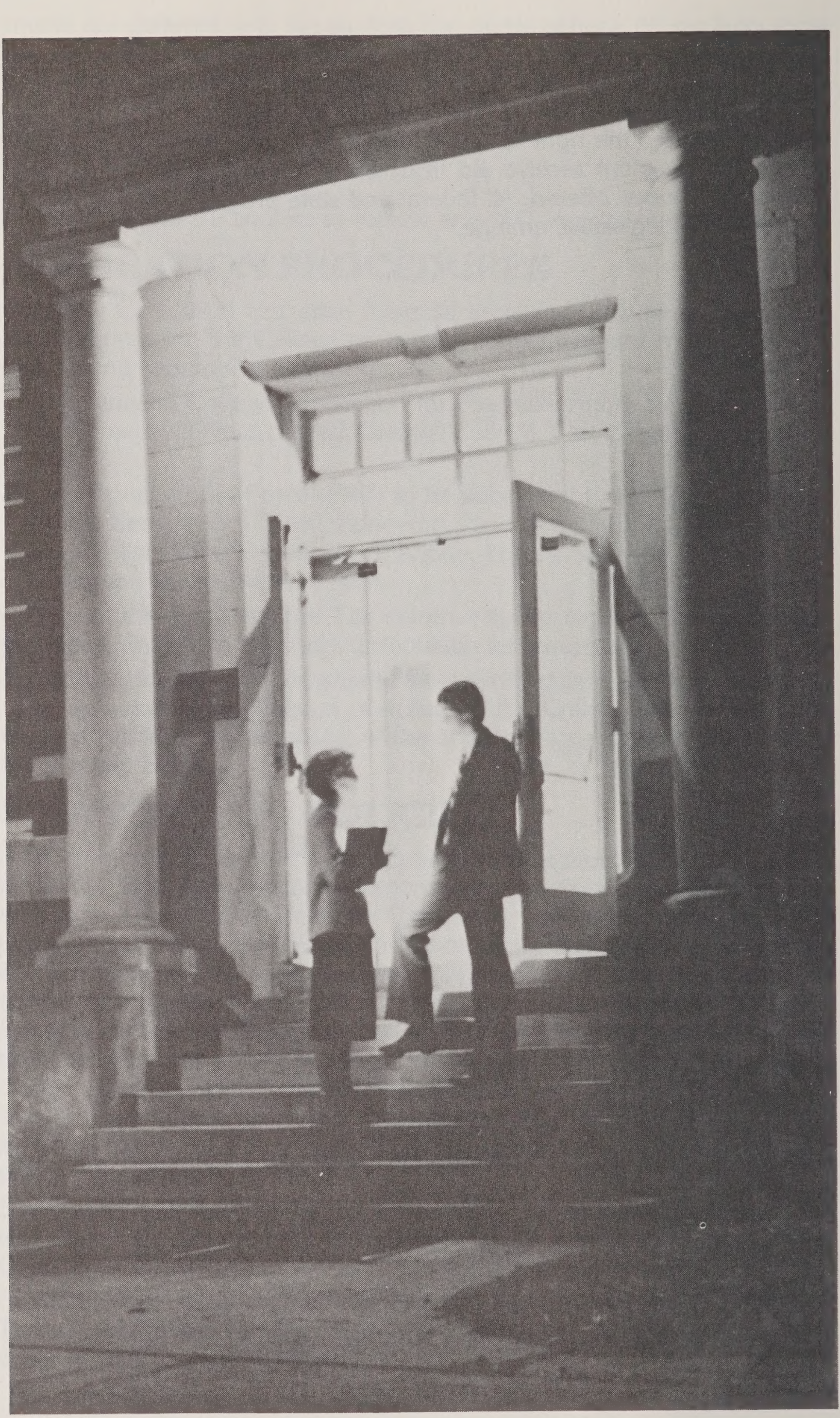
Most financial aid programs are renewable throughout undergraduate or graduate years if the recipient demonstrates satisfactory academic progress. The Student Qualifications Committee evaluates the progress of undergraduate students at Queens and determines eligibility for continued enrollment according to the standards indicated under "Academic Standards" and "Eligibility to Continue." The Graduate Qualifications and Standards Committee evaluates the progress of graduate students at Queens and determines eligibility for continued enrollment, according to the standards indicated under "Academic Regulations." Students receiving federal Title IV financial aid funds must meet these minimum standards *as well as* a minimum credit hour accrual which indicates progress toward completion of a degree.

Statements of Academic Progress Standards are sent to all aid recipients with award notices and are available upon request from the Financial Aid Office.

Students must reapply to the Financial Aid Office for assistance each year. The amount offered may vary from year to year depending upon availability of funds and need of students.

Financial aid recipients who withdraw during the school year will have their aid prorated according to the regulations governing withdrawal, and may be required to refund funds to various programs.

Queens reserves the right to review and modify an offer of financial aid should the recipient receive aid from other sources after the Queens' program has been offered. All federal and state programs are subject to congressional legislative change.



NEW COLLEGE
AT
QUEENS

NEW COLLEGE

ADMISSION

Applications for admission may be obtained by writing the Admissions Office, Queens College, 1900 Selwyn Avenue, Charlotte, North Carolina 28274, or by calling (704) 337-2313.

FOR CAMPUS VISITS

Students seeking information about the College are encouraged to visit the campus and Admissions Office. The Admissions Office is open from 8:30 to 5:00 on weekdays throughout the year. Appointments for evenings or Saturdays may be made by calling the Admissions Office during regular hours. The Admissions Office is located in Burwell Hall.

RECORD OF IMMUNIZATIONS

North Carolina law mandates that certain students present proof of specific immunizations. Undergraduate and graduate students who register for a class which begins before 4:00 p.m., including weekend classes, must submit a physician's certified record of these immunizations prior to registration. Forms for this purpose are available at the Admissions Office and the Health Center.

UNDERGRADUATE ADMISSION REQUIREMENTS

New College admissions policy is designed to select students of outstanding promise. Each applicant is considered on the basis of his or her individual achievements, merits and potential for academic success. Students may apply as either special students, to take a limited number of courses, or as degree candidates.

To apply as a candidate for the bachelor's degree the following materials must be provided to the Office of Admissions:

1. High School diploma or equivalent.
2. High School transcript(s).
3. Transcript(s) from all colleges attended.
4. Two letters of recommendation.
5. Completed degree candidate application form.
6. Application fee of $15.00.

To apply as a special student the following materials are required:

1. High School diploma or equivalent.
2. High School transcript(s).
3. Transcript(s) from all colleges attended.
4. Completed special student application form.
5. Application fee of $5.00.

Special students who do not already have a bachelor's degree may take no more than 15 credit hours. After completion of 15 hours the student must either apply as a candidate for the bachelor's degree, or petition the Dean for permission to take additional coursework. Special students who already have a bachelor's degree have the privilege of unlimited credit.*All special students must maintain a C average to continue their enrollment.*

LENGTH OF ADMISSION ELIGIBILITY

Acceptance into the College will remain effective for up to one calendar year following the commencement of the semester for which the acceptance has been made. Individuals who wish to enter after the one-year period are required to reapply, and the admission decision will be based on the existing admission standards at the time of reapplication.

READMISSION TO THE COLLEGE

A student who has previously been admitted to the College but who has withdrawn in good standing and wishes to return may apply for readmission to the College. Materials required for admission include:

1. A completed re-admission application form.
2. Application fee of $5.00.
3. Any official transripts, recommendations or other materials not received or retained from the previous admission.

A student who is readmitted to the College is bound to the catalog in effect during the term in which the readmitted student matriculates.

TRANSFERRED CREDIT

Official evaluations of transferred credit are only made for students who have been admitted to the college as degree candidates. The Registrar will determine the number of credit hours which will transfer toward a degree in New College only after official transcripts of all colleges attended have been received. Only courses which have been completed with a grade of C or better will be considered for transfer credit. Credit transferred from two-year institutions can be classified only as either 100 or 200 level credit.

Ordinarily, a student who has been admitted to Queens College may take courses at another accredited institution for credit at Queens, provided that these courses are equivalent or supplemental to those offered at Queens. In order to receive this credit, he or she must, however, secure the prior permission of the Vice President for Academic Affairs and the appropriate department head, for any course which the student wishes to take at another school and transfer back to New College. Courses taken without prior approval will not be accepted for credit.

The student must have the other institution send an official record of his or her work for the Queens College Registrar, and must make a grade of C or higher on each course for which he or she would receive credit. The student's quality-point average at Queens is not affected by course credit earned at other institutions.

CREDIT BY CLEP EXAMINATION

New College awards credit and/or advanced placement to students who score satisfactorily on approved subject level tests of the College Level Examination Program (CLEP) and to students who score satisfactorily on validation exams administered by the college.

Credit will not be granted if it duplicates credit already earned. CLEP credits will not satisfy the final 30 hours required for graduation from Queens College, and neither grades nor quality points will be awarded. Grading of CLEP examinations is on a Pass/No Record basis. No more than 38 credit hours may be earned through examinations for credit.

A fee for each test is $30.00. An additional recording fee of $20.00 will be charged for each course for which credit is awarded. Students who wish further information about CLEP should contact the Career Center.

CREDIT BY CERTIFICATION

Thirty credit hours are accepted toward a major in Radiologic Technology for those persons certified by the American Registry of Radiologic Technologists.

For successful completion of the Certified Professional Secretaries examination, 8 credit hours will be awarded with the stipulation that duplicate credit will not be granted.

HIGH SCHOOL DUAL ENROLLMENT

Any junior or senior in a Charlotte-Mecklenburg area secondary school may apply for admission as a special student in New College when recommended by the secondary school.

Following graduation from high school a student may have credit earned under the dual enrollment program applied toward a degree at Queens College or transferred to another institution.

INTERNATIONAL STUDENTS

New College welcomes international students. Candidates must provide the Office of Admissions with a completed college application for admission accompanied by the payment of a $15.00 filing fee. Applicants must request that their transcripts from each institution attended be forwarded to the Office of Admissions. Transcripts must be translated into English by an official at the school issuing the transcript. It is recommended that international students take the Scholastic Aptitude Test (SAT). Any student for whom English is not the first language must satisfactorily complete the Test of English as a Foreign Language (TOEFL) with a score of 550 or higher and have the score sent to the Office of Admissions.

IN SUMMARY

While there are no deadlines for application, prospective students should apply for admission as early as possible. Application forms should be obtained from the Office of Admissions and should be returned with a non-refundable fee of $15.00 for degree candidate or $5.00 for special students. It is the student's responsibility to request that his or her high school transcripts (and recommendations, if required) be sent to the Admissions Office. Students who have attended college elsewhere must request transcripts from each college attended.

The Admissions Office will act on an application as soon as all information and transcripts have been received. The Registrar will evaluate the transferred credits of degree candidate applicants after all college transcripts have been received.

ACADEMIC POLICIES

CATALOG OF ENTRY

The catalog in effect for the semester in which a student registers for his or her first class is the student's catalog of entry.

RECORD OF IMMUNIZATION

North Carolina law now requires students who register for a class which begins before 4:00 p.m., including weekend classes, to present valid certificates of immunization to the College at or prior to registration unless the student is exempt from the law. A student will be exempt from the law if the student was enrolled in the 1986 Spring or Summer term and is continuously enrolled after that time, OR, if an exemption is granted for medical reasons, OR, if an exemption is granted for religious reasons. Record of immunization is NOT necessary for students who are taking classes which begin at 4:00 p.m. or later.

Students who register for a class beginning before 4:00 p.m. who are not exempt, must present valid certificates of immunization for three diptheria and tetanus immunizations and, if the student is under age 30, for measles and rubella. (Beginning in February of 1989, proof of immunization for rubella will be required of all students under age 50.)

Any student who does not present valid proof of immunization or exemption, but is allowed to register, must be immunized during the initial 30 days of the semester. Students who fail to comply will NOT be allowed to continue in any course(s) which begin before 4:00 p.m., but will be automatically withdrawn from the course(s).

The college may not allow students without proper immunizations to register for any classes which begin before 4:00 p.m.

Forms which students may provide their physicians to certify immunization are available in the Health Center. Students may also call the Health Center to schedule an appointment for immunizations, or to receive further information. The Health Center is open 24 hours a day from 3:00 p.m. Sunday until 3:00 p.m. Friday during Fall and Spring terms, and may be contacted at 337-2220.

REGISTRATION

All students are expected to register at the time and place indicated on the schedule each term. There will be a late fee charged for registration at any other time.

DROP AND ADD

The Drop and Add period is limited. A course may be dropped only before the first class meeting. After the first class meeting, the only way to drop a course without financial penalty is to add another course in its place.

When a course is dropped there is no record of that registration, and no charge is incurred for that course. A student who drops all of his courses in New College in his first semester of attendance will not have matriculated into the college.

To drop a course the student must contact the New College Office and complete the appropriate form.

WITHDRAWAL FROM A COURSE

After the first class in a course has met, the student who does not wish to continue in that course but does not add another in its place must withdraw from the course, and a full refund is not possible. (See section on Withdrawal and Financial Obligations.)

Withdrawal from a course is a different process from dropping a course, described above. After the first class in a course has met, a student must contact the New College Office and complete the appropriate form to withdraw from a course. The student will receive a grade of WP and WF.

A student who abandons a course during the semester will receive a grade of F for the course.

The deadline for withdrawing from a course is one calendar week after the mid-point in each Fall and Spring term. A student who misses the deadline for Withdrawal from a course may petition the Vice President for Academic Affairs for permission to withdraw.

WITHDRAWAL FROM THE COLLEGE

A student wishing to withdraw from the College must notify the Vice President for Academic Affairs in writing in order to maintain a good standing. Appropriate withdrawal forms are available in the New College Office. Upon withdrawal from the College all grades in progress will be recorded as either WP or WF. If a student simply stops attending classes all grades will be recorded as "F".

Students who intend to stay out for two consecutive major terms (Fall/Spring) should notify the Vice President for Academic Affairs and withdraw from the College to facilitate their readmission at a later date.

Other students who stay out for two consecutive major (Fall/Spring) terms will be automatically withdrawn from the College.

The College reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

ATTENDANCE POLICIES

The College expects students to attend all class sessions. Specific attendance policies for each course are set by the individual faculty members. The faculty member announces at the beginning of each term the policy to be applied in a particular course and attendance policies for each course are kept on file in the Office of the New College and The Graduate School.

RECORDS OF PROGRESS

Records of Progress are kept by this institution on veteran and non-veteran students alike. Progress records are furnished to the students at the end of each scheduled term.

TRANSFERRED CREDIT

Official evaluations of transferred credit are only made for students who have been admitted to the college as degree candidates. The Registrar will determine the number of credit hours which will transfer toward a degree in New College only after official transcripts of all colleges attended have been received. Only courses which have been completed with a grade of C or better will be considered for transfer credit. Credit transferred from two-year institutions can be classified only as either 100 or 200 level credit.

After a student has been admitted to New College, he or she may take courses at another accredited institution for credit at Queens, provided that these courses are equivalent or supplemental to those offered at Queens. In order to receive this credit, he or she must secure the prior permission of the Vice President for Academic Affairs and the appropriate department head, for any course which the student wishes to take at another school and transfer back to New College. Courses taken without prior approal will not be accepted for credit.

The student must have the other institution send an official record of his or her work to the Queens College Registrar, and must make a grade of C or higher on each course for which he or she would receive credit. The student's quality-point average at Queens is not affected by course credit earned at other institutions.

RESIDENCY REQUIREMENT

Every degree candidate who does not already hold an undergraduate degree from an accredited college or university must complete at least 60 credit hours of his or her academic program at New College.

The residency requirement may be reduced for the student who does not already hold a bachelor's degree but has earned more than 60 hours at the undergraduate level, if the student has an overall B average in all transferred work, with at least 70% of the transferred work earned at an accredited four-year institution. The 60 hour minimum residency requirement may be reduced by no more than 15 credit hours.

Students who meet these stipulations may apply for a reduction in residency requirements through the Vice President for Academic Affairs.

At least 50% of the major must be taken at Queens College regardless of any reduction in residency requirements. Students who complete less than 60 hours of their degree at Queens College are *not* eligible to graduate with honors. The last 30 hours (equivalent to the senior year) *must* be taken at Queens College.

RESIDENCY REQUIREMENT — SECOND DEGREE CANDIDATES

Students who hold an undergraduate degree either from Queens or from another accredited college or university, and who are seeking a second degree from Queens, must complete at least 30 semester hours at Queen's College.

DUAL ENROLLMENT

Any New College student may request permission to register for a course offered in the College of Arts and Sciences. Permission forms are available in the New College Office.

New College students who dual enroll in the College of Arts and Sciences must follow that college's *procedures,* including procedures for registration, drop/add, and withdrawal from a course, that college's *calendar,* which usually varies somewhat from the New College calendar, and will be charged that college's *tuition.*

STUDENT CLASSIFICATION

A *degree candidate* is one who is admitted to pursue a Bachelor's degree.

A *special student* is one who is admitted with a non-degree status, and may enroll for a cumulative total of 15 credit hours. After completing 15 credit hours, a special student must apply for admission as a degree candidate, or for special permission to continue. A student already holding a bachelor's degree may take an unlimited number of hours as a special student. Special students must comply with all college regulations.

A *transient student* is a degree candidate at another institution enrolled for credit at Queens through arrangements with the institution which will ultimately grant the degree.

A *continuing education student* is one who is enrolled only in non-credit programs in the Queens Institute for Lifelong Learning or in Queens Compute.

STUDENT CLASS STATUS

Students following a degree program are assigned class status according to the number of credit hours earned.

Class Status	**Credit Hours**
Freshman	0-23
Sophomore	24-51
Junior	52-89
Senior	90 or more

TERM LOAD

An undergraduate student who is employed full-time may not take more than eleven academic credit hours per term without the written permission of the Vice President for Academic Affairs.

EXAMINATIONS

The student's work is evaluated periodically. At the end of each term, evaluations — normally written evaluations — are made in all courses. Final written examinations are generally between two and three hours long. In 300 and 400 level courses the instructor may give the examination during the regularly scheduled time or may give a take-home examination. The schedule for final examinations is established by the Registrar. Permission to change an examination schedule or to make up an examination must be granted by the Vice President for Academic Affairs.

GRADES AND QUALITY POINTS

Graduation requirements are based on both the quantity and quality of the student's work. New College uses the following system of grades and quality point value per credit hour.

Grade	Quality Point Value
A	4.0
A–	3.7
B+	3.5
B	3.0
B–	2.7
C+	2.0
C	2.5
C–	1.7
D+	1.5
D	1.0
I ....Incomplete	Will become A to F upon completion
F	0

The following grades have no effect on quality points:

P	Pass with a C– or better
N/R	No Record
WP	Withdrew with a D or better
WF	Withdrew failing
AU	Audit

INCOMPLETE GRADES

A grade of I is given at the discretion of the instructor and must be filed in the Registrar's office. A grade of I automatically becomes F if the student fails to make up incomplete work satisfactorily. A grade of I incurred during the Fall or January term must be removed by the end of the first two weeks of the following Spring term. An I incurred during the Spring or Summer terms must be removed by the end of the first two weeks of the following Fall term.

A student may request an extension of this period not to exceed the end of the immediately following semester. Permission is granted at the discretion of the instructor and must be filed in the Registrar's Office.

GRADE REPORTS

Grade reports are sent at the end of each term. Mid-year reports may be issued in Fall and Spring terms to indicate special difficulties in course work. Only final term grades are permanently recorded.

REPEATING A COURSE

A student who has received an F for a course may repeat that course; the F will remain on the student's record in that case, but only the second grade for the course will be figured into the student's cumulative quality point average.

Note: This is the only case in which a student may register to enroll in the same course twice, unless the course is listed "May be repeated for credit."

PASS/NO RECORD

Pass/No Record is a grading philosophy designed to encourage students to explore new areas. Courses selected by the student to fulfill the Distributed Requirements may be taken P/NR. A grade of P is recorded if the student makes a grade of C− or above. If the student makes a D+, D, or F, it is not recorded. Courses taken for P/NR are not counted in the calculation of the student's quality point average. Students may take up to a maximum of two courses a year on a P/NR basis, but may take no more than one course on a P/NR basis in any one term.

The student must indicate when registering for the course that grading will be P/NR. Up to one week after the mid-point of the semester, however, the student may change from P/NR basis back to a graded basis. Some courses specifically designated (for example, art studio, applied music) may not be taken P/NR. Unless a student obtains permission from the Vice President for Academic Affairs, a course in a major department may not be taken on a P/NR basis.

Students planning advanced academic work should be informed that Pass grades may be interpreted as grades of "C" by graduate institutions and an inordinate number of such grades may be looked upon with disfavor by graduate admissions committees.

AUDITING COURSES

With the written consent of the Vice President for Academic Affairs and the course instructor, a student may audit a course. Audit courses receive no credit, but do appear on college transcripts. Students must designate audit courses at registration. Drop/Add and Withdrawal procedures apply to audit courses. Auditors are expected to attend classes regularly. Students who wish to audit a course must have been admitted to the College. There is no reduction to tuition for auditing a course.

ELIGIBILITY TO CONTINUE

The faculty of Queens College determines the academic standards which are administered by the Undergraduate Student Qualifications Committee. This committee reviews each case of academic difficulty at the end of each term and determines the student's eligibility status.

When students fail to make satisfactory progress according to the guidelines stated in the Catalog, the Undergraduate Student Qualifications Committee places various stipulations to encourage the student to meet the minimum standards. If the student does not meet the stipulations set, he or she will be subject to dismissal from the College.

ACADEMIC STANDARDS AND STUDENT QUALIFICATIONS

While New College makes every effort to encourage students and to assist those in difficulty, it is unfair to the student and to the College to retain anyone who fails to make reasonable progress. The faculty of Queens College determines the academic standards which are administered by the Undergraduate Student Qualifications Committee. This committee reviews each case of academic difficulty. A student is automatically placed on academic probation if his or her cumulative quality point average is below the following levels for class standing.

Class Status	**Credit Hours**	**Minimum Cumulative Quality Point Average**
Freshman	0-12	1.500
	13-23	1.800
Sophomore	24-37	1.800
	38-51	1.900
Juniors	52-70	1.900
	71-89	2.000
Seniors	90 or more	2.000

When a student fails to make a quality-point average according to these guidelines, the Student Qualifications Committee imposes various stipulations to encourage the student to meet the minimum standards. These stipulations are sent in writing to the student. If the student does not meet the stipulations, he or she will be subject to dismissal from the college.

Students on academic probation who receive the grade of Incomplete (I) during Fall Term or Spring Term must complete the course work and receive a regular letter grade before the beginning of the following regular academic term (Fall or Spring).

The records of *part-time degree candidates* will be reviewed for probationary consideration after 9 semester hours of work have been completed at Queens College, and thereafter in increments of 9 semester hours of work. The Summer Term will be considered in evaluating a student's probationary status if at least nine semester hours are taken. Part-time students are expected to maintain cumulative quality point averages commensurate with their class status.

The records of *special students* also will be reviewed after 9 semester hours of work have been completed at Queens College, and in increments of 9 semester hours of work. Special students are expected to maintain a 2.000 average in order to continue at the College.

The student who does not show improvement and fails to meet the college's scholastic standards may be asked to withdraw from the college. All decisions regarding the dismissal may be appealed to the President of the College.

The readmission policy for a *full time student* who has been judged academically ineligible to return is as follows. In order for the student's application for readmission to be considered, the student must complete at least nine semester hours (or an equivalent number of quarter hours) at an accredited institution (a) in one fall or spring semester and achieve a QPA of 2.000 or better in each course, or (b) in one long summer session and achieve a QPA of 2.000 or better in each course, or (c) in two short consecutive summer terms and achieve a QPA of 2.000 or better in each course.

The readmission policy for a *part-time student* who has been judged academically ineligible to return is as follows. In order for the student's application for readmission to be considered, the student must complete nine semester hours (or the equivalent number of quarter hours) at an accredited institution and achieve a QPA of 2.000 or better in each course.

DEAN'S LIST

Each Fall a New College Dean's List is compiled naming those New College degree candidates who qualified during the previous academic year. The year begins in the summer and continues through Fall and January Term, and concludes with Spring Term.

Degree candidates who have no outstanding incompletes and who have completed a minimum of 12 hours on a graded basis during this time period with a cumulative quality point average of 3.500 or better are eligible for the New College Dean's List.

GRADUATION DECLARATION

It is the responsibility of each degree candidate to file notice of intent to graduate with the Registrar at least two terms prior to the anticipated completion of all degree requirements. Students who plan to graduate in December 1989 should file notice by December 1, 1988. Students who plan to graduate in May 1990 should file notice by May 1, 1989. Students who plan to graduate in August 1990 should file notice by August 1, 1989.

GRADUATION WITH HONORS

The titles *summa cum laude, magna cum laude,* and *cum laude* are awarded by the College upon the recommendation of the Honors Committee and the approval of the faculty. A student must have completed at least 60 credit hours at Queens College to be eligible for graduation with honors. His or her grade point average will be determined by work taken at Queens College only.

The title *summa cum laude* is awarded to students who have a grade point average of 3.850. The titles *magna cum laude* is awarded to students who have a grade point average of 3.650. The title *cum laude* is awarded to students who have a grade point average of 3.500.

REQUIREMENTS FOR THE BACHELOR'S DEGREE

The educational program leading to a degree is composed of three interrelated parts: a program of distributed requirements, a major program, and a program of elective hours. The last may include the choice of second major or one or two minors.

DEGREE REQUIREMENTS

Any change in the following degree requirements must be approved by the Vice President for Academic Affairs.

(1) A minimum of 120 credit hours in academic courses is required for a degree, with a cumulative quality point average of 2.000 in all courses taken at Queens College and in all course work in the chosen field of concentration.

(2) At least 36 credit hours must be in courses of 300 or 400 level.

(3) Every degree candidate must complete at least 60 hours of his or her academic program at New College and must spend the equivalent of the last academic year (last 30 hours) at New College.

However, students who already hold an undergraduate degree either from Queens College or from another accredited college or university, and who are seeking a second degree from Queens, must complete at least 30 semester hours at Queens; all requirements as specified for their chosen major; and distributed requirements as specified by the Registrar. They must achieve a minimum cumulative quality point average of 2.000 on all work completed at Queens College, and a minimum cumulative quality point average of 2.000 on work in the major.

(4) A degree candidate pursuing a degree other than the Bachelor of General Studies must complete 12 courses of distributed requirements in six areas spread throughout the curriculum.

(5) A degree candidate must complete a minimum number of semester hours in the major (that number being stipulated under each major), according to their catalog of entry.

(6) A student must fulfill the degree requirements set forth in the catalog which is current when the student registers for his or her first course as a degree candidate in New College.

(7) Students may work toward two degrees simultaneously provided that they earn different majors within the degrees and provided that they earn, at Queens, at least 30 additional hours beyond the normal degree requirements.

MAJOR PROGRAM

The purpose of a major is twofold: to give the student the opportunity to go far enough into a field to achieve some mastery of it; and to enable him or her to acquire knowledge, skills, and attitudes which may be helpful in a career.

MINOR PROGRAM

If a student chooses, it is possible to include one or two minors in an undergraduate program. The minor shall consist of a minimum of 18 hours in a department other than his or her major. The minor may be taken in any program so designated in the Catalog. Minor programs must be approved by the advisor and the department concerned.

ELECTIVE HOURS

Students must choose elective hours, in addition to distributed and major requirements, to complete the hours required for graduation. Electives afford an opportunity to develop one or two minor programs, to study in fields which directly support the major program, and to gain knowledge in additional areas.

DISTRIBUTED REQUIREMENTS

Every degree candidate must complete at least 36 hours of distributed requirements in six areas to assist the student in developing a program which will be widely representative of the liberal arts.

AREA I—COMMUNICATION SKILLS

(Both of theses courses are required and must be completed in the first year at Queens.)

ENG 101	Communications Skill I
ENG 102	Communications Skills II

AREA II—MATHEMATICS OR FOREIGN LANGUAGE

(Any two math courses or two courses in a foreign language will fulfill this requirement.)

MAT 105	Finite Mathematics
MAT 206	Statistical Methods

(See mathematics section for additional courses.)

FRE 101, 102	Elementary French
SPA 101, 102	Elementary Spanish

AREA III—HISTORY, PHILOSOPHY, OR RELIGION

(Two courses must be chosen from different departments, i.e., History and Religion.)

HIS 101	World Civilization to 1650
HIS 102	World Civilization since 1650
HIS 203	U.S. to 1877
HIS 204	U.S. Since 1877
PHI 203	Introduction to Philosophy
PHI 205	Elementary Logic
PHI 207	Ethics
PHI 220	Philosophy of Religion
REL 105	Introduction to Religion
REL 205	The Old Testament
REL 206	The New Testament

AREA IV—NATURAL SCIENCES

(Two courses)

BIO 101	Plant Biology
BIO 102	Animal Biology
BIO 103	General Biology
CHM 101	General Chemistry I (with CHM 101 Lab)
CHM 102	General Chemistry II (with CHM 102 Lab)
ESC 101	Environmental Science I
ESC 102	Environmental Science II
PHY 101	General Physics I
PHY 102	General Physics II

AREA V—ECONOMICS, PSYCHOLOGY, POLITICAL SCIENCE OR SOCIOLOGY

(Two courses chosen from different disciplines i.e., Economics and Psychology)

ECO 203	Macroeconomics
ECO 204	Microeconomics
PSC 100	Introduction to Political Science
PSC 201	American Politics
PSY 201	General Psychology
SOC 203	Principles of Sociology

AREA VI—ART, LITERATURE OR MUSIC

(Two courses chosen from different disciplines, i.e., Art and Music)

ART 101	Introduction to Art, or any Art History Course
ENG 201	Introduction to Literature
ENG 217	Backgrounds to Western Literature
MUS 100	Introduction to Music
MUS 207	Music in America

HUMANITIES SEQUENCE

Humanities 211, 212, 213, and 214 are interdisciplinary courses which, within the framework of the historical approach, introduce the student to the major artistic, religious, intellectual, literacy, social, and political developments in Western civilization. In these courses, the major writings and artistic works of each period are examined together with a variety of modern interpretations.

Two or more of the humanities courses listed above may be taken in lieu of one or more distributed requirements, as shown below.

Humanities Courses Taken	**Elective Hours Earned**	**Distributed Requirements Satisfied**
1	3	0
2	3	1, in either History of Religion or Philosophy in Area III
3	3	2, one chosen from History, Philosophy, and Religion in Area III, and one as English Literature in Area VI
4	0	4, two chosen from History, Philosophy, and Religion in Areas III, and two as English Literature and Art in Area IV

UNDERGRADUATE DEGREES

New College offers four degrees: a Bachelor of Arts degree with majors available in accounting, business administration, English, history, and psychology; a Bachelor of Science degree with majors in communications, computer based business applications, computer science, and radiologic technology; a Bachelor of Science in Nursing degree, and a Bachelor of General Studies degree.

BACHELOR OF ARTS DEGREE

A major for the Bachelor of Arts degree shall consist of no fewer than 30 credit hours. No more than 40 hours in the major department shall be required for a major. A student may, however, on his or her own initiative, take more than 40 hours in the major department. Specific requirements are stated below for each major.

ACCOUNTING MAJOR

Major Requirements
Requirements for the accounting major are:

BUS 110	Personal Computers for Information Management
MAT 105	Finite Math (or MAT 113)
MAT 206	Statistical Methods
ECO 203	Macroeconomics
ECO 204	Microeconomics
BUS 207	Financial Accounting I
BUS 208	Financial Accounting II
BUS 305	Business Law I
BUS 307	Intermediate Accounting I
BUS 308	Intermediate Accounting II
BUS 311	Cost Accounting
BUS 313	Auditing
BUS 315	Business Law II
BUS 316	Federal Taxation
BUS 317	Advanced Accounting
BUS 340	Marketing
BUS 360	Corporate Finance
BUS 485	Business Policy

BUSINESS ADMINISTRATION MAJOR

To earn a B.A. degree with a major in business administration a student must take at least 36 credit hours in business administration courses, 18 hours of which must be upper division work on this campus.

Major Requirements

Requirements for the business administration major are:

BUS 110	Personal Computers for Information Management
BUS 207	Financial Accounting I
BUS 208	Financial Accounting II
BUS 305	Business Law I
BUS 324	Report Formulation
BUS 333	Principles of Management
BUS 340	Marketing
BUS 360	Corporate Finance
BUS 485	Business Policy
MAT 105	Finite Math (or MAT 113)
MAT 206	Statistical Methods
ECO 203	Macroeconomics
ECO 204	Microeconomics

Plus 6 hours of 300 or 400 level electives in Business or Economics

Minor Requirements

A minor in business administration consists of the following courses: ECO 203 and 204; BUS 207, 208, 305, 340, and 360.

ENGLISH MAJOR

Courses in the department include composition, literature, speech, film, dramatic arts, and journalism. Students are encouraged to take courses in all these areas, but courses in speech, film, dramatic arts and communications do not count (unless specified) towards a regular major in English. Initial courses train the student to perceive and evaluate the form, structure, and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance and are designed to give the student an awareness of ways in which other disciplines can contribute to a fuller understanding of literature.

Major Requirements

The requirements for the English major are as follows:

ENG 201	Introduction to Literature
ENG 301	Literary History of England I
ENG 302	Literary History of England II
ENG 331	American Literature to 1900
ENG 332	American Literature Since 1900
ENG 460	Studies in Literature and Criticism

Plus any two of the following:

ENG 309	Chaucer & Medieval Literature
ENG 313	Shakespeare
ENG 318	The Seventeenth Century
ENG 320	Literature of the Restoration

Plus any two of the following:

ENG 322	The Romantics
ENG 325	The Novel
ENG 326	Modern British Literature
ENG 327	Modern Drama

Plus any two upper level English courses. A minimum of 36 hours in English is required.

The following courses in Dramatic Art will be accepted: 303, 304, 327, 336. Major advisors will consult with students in career and graduate school preparation and in planning tailored programs in communications, journalism, teaching, and drama. Advanced placement will allow exemption from 201.

Minor Requirements

Non-English majors may follow a program leading to a minor in English. The requirements are as follows: ENG 201, 301, and 302 are required. ENG 460 is recommended as part of the remaining 12 hours, 9 of which must be at the 300 level or above.

Distributed Requirements

The requirement for Area I is met by ENG 101 and 102, to be taken in the freshman year. The requirement Area VI in literature, may be met by ENG 201 or 217, or by taking three semesters of the sequence of Humanities courses 211, 212, 213, or 214; or by any literature course numbered 300 or above in the foreign language department. However, English majors may **not** use English courses to fulfill a Distributed Requirement in Area VI.

Prerequisites

ENG 101, 102, and either ENG 201 or three semesters of the Humanities sequence 211, 212, 213, 214 are prerequisite to all English courses numbered 300 or above. Special consideration will be given, in certain cases, to non-English majors who desire to take courses numbered 300 or above.

HISTORY MAJOR

History, drawing upon nearly all fields of knowledge, helps provide a deeper understanding and perspective of the forces which influence individuals and the world around them. It trains one in the skills of research, analysis, and written interpretations.

A concentration in history is an excellent general foundation for many occupations, professional careers, and graduate study. It provides opportunities for careers in teaching, policy research in government and business, archives and records management, law and politics, and foreign service. Queens College is a member of the Institute of Applied History.

Major Requirements

Students may earn a Bachelor of Arts degree with a major in history. Requirements for the history major are as follows:

Ten history courses, including:

HIS 101	World Civilization I
HIS 102	World Civilization II
HIS 203	U.S. to 1870
HIS 204	U.S. since 1870
HIS 300	Research in Local and Family History
HIS 490	Senior Seminar

In addition, four 300 or 400 level courses are required, including one in the history of the United States and one in an area other than the United States.

History majors may substitute HUM 211 and 212 for HIS 101, and HUM 213 and 214 for HIS 102, in which case the total number of required courses would be 11 or 12 instead of 10.

Students may meet the requirement for HIS 490 with HIS 361; HIS 395; or HIS 399.

Students should consult with their advisor to work out a program tailored to individual career objectives.

Minor Requirements

Other majors may follow a program leading to a minor in history. The requirements for the minor in history are at least 18 credit hours in history, including three courses to be selected from HIS 101, 102, 203, 204; and two 300 level courses, one in the United States and one in an area other than the United States. One from among HIS 300, 361, 395, 399, or 490 is recommended for the remaining three credit hours.

History minors may substitute HUM 211 and 212 for HIS 101, and Hum 213 and 214 for HIS 102, in which case the total number of required courses would be either 7 or 8 instead of 6.

PSYCHOLOGY MAJOR

The department emphasizes the development of an understanding of factors important in determining behavior. Introductory courses present basic psychological principles; upper level courses provide opportunities for further work in areas of special interest.

Independent study allows the student to design and carry out original research. Internships in community settings enable the student to make practical application of psychological principles.

Major Requirements

PSY 201	General Psychology
PSY 303	Social Psychology
PSY 306	Experimental Methods in Psychology
PSY 306L	Laboratory in Experimental Psychology
PSY 314	Psychology of Learning
PSY 400	Advanced General Psychology I
PSY 401	Advanced General Psychology II

Plus at least 16 additional hours in the department as approved by the major advisor.

CSC 101 or BUS 110, and MAT 206 are also required for a major in psychology.

Biology 112 and Philosophy 203 are recommended.

Minor Requirements

Eighteen hours: PSY 201; one course from PSY 308, 309, 319; one course from PSY 302, 303, 304; one course from PSY 311, 314, 412; and two courses from the entire departmental offerings. A student planning on minoring in psychology should check with a department member.

Distributed Requirements

A requirement for Area V usually may be met by PSY 201; however, psychology majors may not use PSY 201 to fulfill a distributed requirement in Area V.

BACHELOR OF SCIENCE DEGREE

A major for the Bachelor of Science shall consist of not fewer than 36 hours. Specific requirements are stated for each major program.

COMMUNICATIONS MAJOR

This degree is designed for the student who wishes to pursue a communications career in corporations, non-profit organizations, or the media. The program allows the student to select a concentration of course work in writing skills, advertising, public relations, or marketing and promotions.

Students take work in applied communication where, through informed practice, they improve their communications skills. With related work in mass communication, the social sciences, English, journalism, and business administration, this major equips the student to pursue a broad range of careers in the communications field.

The student is encouraged to complete basic courses in the functional areas of business as well. The combination of an understanding of business and economics with the ability to write is a powerful combination. The student could also combine this major with other areas such as the natural sciences for a career in scientific and technical writing.

Major Requirements

A major in communications leads to a Bachelor of Science degree. The requirements for the communications major are as follows:

Core courses are

COM 110	Introduction to Mass Communications
COM 207	Expository Writing
COM 209	Techniques of Communications Production
COM 305	Organizational Communication
COM 307	Advanced Composition
COM 415	Media Ethics
BUS 324	Report Formulation
ENG 301	Literary History of England I
ENG 302	Literary History of England II
ENG 331	American Literature to 1900
ENG 332	American Literature Since 1900

Plus a 300 level History course.

Students must select an additional four courses from one of the suggested concentrations, or may elect four courses (a minimum of 12 hours) to be approved by the advisor. The student's background and career orientation are to be considered in course selection.

Advertising Concentration

ART 355	Advertising, Layout, Production and Design
ART 365	Intermediate Advertising, Layout, Production and Design
ART 327	Photography
BUS 351	Consumer Behavior
BUS 453	Marketing Research
BUS 341	Advertising
COM 360	Topics in Communications

Corporate Communications and Public Relations Concentration

BUS 340	Marketing
BUS 351	Consumer Behavior
BUS 353	Promotion Management
BUS 453	Marketing Research
BUS 342	Public Relations
BUS 492	(Business and Professional Speaking)
COM 360	Topics in Communications

Media Concentration

COM 204	News Writing and Editing
COM 304	Advanced Writing for the Media
COM 310	Television Production
COM 360	Topics in Communications
COM 308	Creative Writing
COM 361	Topics in Journalism

A total of 48 hours is required for the major.

Recommended courses are: BUS 115, 207; ECO 203, SOC 203; HIS 203 and 204; PSC 201; PSY 201, 303; FRE 201 and 202 or SPA 201 and 202; PHI 203, 205, and 207.

Minor Requirements

The requirements for the communications minor are as follows: COM 110, 207, 209, 305; BUS 324; and two electives to be approved by the advisor. ENG 201 is required for non-English majors.

COMPUTER BASED BUSINESS APPLICATIONS MAJOR

The major in Computer Based Business Applications leads to a Bachelor of Science degree. This major contains a strong business core with a user approach to programming and an emphasis on management information systems. It is a degree designed for the student who wishes to combine computer knowledge, both mainframe and microcomputer, with extensive substantive coursework in business and management information systems. A major emphasis is on the utilization of computers to facilitate sophisticated analysis within the business area.

Major Requirements

Required courses are:

BUS 110	Personal Computers for Information Management
BUS 207	Financial Accounting I
BUS 208	Financial Accounting II
BUS 311	Cost Accounting

BUS 322	Management Science
BUS 326	Systems Analysis, Design and Implementation
BUS 333	Principles of Management
BUS 340	Marketing
BUS 360	Corporate Finance
BUS 434	Management Information Systems
BUS 444	Systems Implementation I: Financial **or** BUS 485 Business Policy
CSC 101	Computer Programming I
CSC 212	Introduction to Business Information Processing
ECO 203	Macroeconomics
ECO 204	Microeconomics
MAT 105	Finite Math
MAT 206	Statistical Methods
MAT 308	Applied Linear Models

COMPUTER SCIENCE MAJOR

Major study in computer science provides basic preparation leading to computer-related work in business and industry, research and consulting, teaching, and graduate study in computer science. For a description of the Queen's college computer facilities, see page 10.

Students may major in computer science by formally declaring their intention. The computer science major leads to a Bachelor of Science degree.

Requirements for the Major:

CSC 101	Computer Programming I
CSC 201	Computer Programming II
CSC 305	Introduction to File Processing
CSC 330	Data Structures
CSC 350	Introduction to Computer Systems
CSC 360	Introduction to Computer Organization
CSC 360L	Introduction to Computer Organization Laboratory
CSC 410	Comparative Languages
CSC 430	Operating Systems

Plus three Computer Science courses elected from the 300-400 level.

Students majoring in this program are also required to take:

MAT 113	Calculus I
MAT 114	Calculus II
MAT 209	Discrete Structures
MAT 213	Calculus III
MAT 303	Linear Algebra
MAT 306	Statistical Inference
MAT 409	Numerical Analysis
PHY 101	General Physics I
PHY 102	General Physics II

Minor Requirements

A minor in Computer Science consists of: CSC 101, 201, 212 or 350, 305, 330, and three additional computer science courses 200 level or above.

RADIOLOGIC TECHNOLOGY MAJOR

The Bachelor of Science degree with a major in Radiologic Technology will be granted upon successful completion of 90 credit hours of approved college work and certification in radiologic technology from any hospital school accredited by the American Registry of Radiologic Technologists and approved by the College. All New College degree requirements must be met. Thirty credit hours are assigned to professional courses carried in the school of radiologic technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300-400 level courses. A student may not be admitted to candidacy until certified by the American Registry of Radiologic Technologists.

BACHELOR OF SCIENCE IN NURSING DEGREE

The James D. Vail III Bachelor of Science in Nursing program at Queens College is an NLN accredited baccalaureate degree program, which provides opportunities for the development of a professional nurse through courses in the humanities, social, behavioral, and natural science, the fine arts, and nursing. Nursing content is founded on the Self-Care Deficit Theory of Nursing.

DEGREE REQUIREMENTS

A minimum of 120 credit hours is required of the Bachelor of Science in Nursing degree. At least 60 credit hours must be earned at Queens College. A minimum of 36 credit hours must be earned at the 300-400 level.

Nursing majors are required to fulfill the same Distributed Requirements as those required for all other degree candidates. The requirement for Area II is met by Math 206 and an additional math prerequisite; the requirement for Area IV is met by Chemistry 101 and 102 with labs; and the requirement for Area V is met by Psychology 201 and Sociology 203.

ADMISSION TO THE MAJOR

Students must make formal application in order to be permitted to major in nursing. Application to nursing is made when all required prerequisite courses are completed. Application requirements consists of:

1. a completed application form.
2. a $15.00 non-refundable application fee.
3. two completed recommendation forms for the James D. Vail III Bachelor of Science in Nursing Program at Queens.

4. proof of the licensure in North Carolina as a registered nurse, or a registered nurse applicant, or if not licensed in North Carolina, the registered nurse must have applied for reciprocity in North Carolina.
5. completed physical examination form (prior to first clinical).
6. proof of professional liability insurance and hospitalization (prior to first clinical).

Full Acceptance must be obtained prior to enrolling in senior nursing courses.

Prerequisite Courses Required

The following prerequisite courses must be completed before full acceptance can be granted:

BIO 103	Principles of Biology	4 credit hours
*BIO 111	Human Anatomy	3 credit hours
*BIO 111L	Human Anatomy Lab	1 credit hour
*BIO 112	Human Physiology	4 credit hours
*BIO 120	Intro. to Medical Microbiology	4 credit hours
CHM 101	General Chemistry I	3 credit hours
CHM 101L	General Chemistry I Lab	1 credit hour
CHM 102	General Chemistry II	3 credit hours
CHM 102L	General Chemistry II Lab	1 credit hour
PSY 201	General Psychology	3 credit hours
PSY 304	Abnormal Psychology	3 credit hours
PSY 309	Child Psychology	3 credit hours
SOC 203	Principles of Sociology	3 credit hours

*The student must either transfer, test out of, or be prepared to take the following courses through dual enrollment in the College of Arts and Sciences: BIO 111, 111L, 112, 120 (or 207). Theses courses will rarely be offered in New College.

A grade of "C" or better must be earned in the theory and laboratory components of Biology 103, 111, 111L, 112, 112L, and 120 or 207; Chemistry 101, 101L, 102, and 102L; Psychology 201; and Sociology 203.

Prior to full acceptance registered nurses are additionally required to successfully complete the Profile II Nursing exam and two validation exams in order to receive credit for Nursing 202, 203, 204, 205, 302, 305, 307, and 314 for a total of 34 credit hours.

MAJOR REQUIREMENTS

The following courses constitute the senior year of the nursing major. All prerequisite courses must be completed prior to enrolling in any 400-level course.

NUR 200	4 hrs.	Nursing as a Practice Discipline: The Self-Care Deficit Theory
NUR 400	3 hrs.	The Scholarly Dimensions of Nursing
NUR 401	3 hrs.	Management in Nursing

NUR 402	6 hrs.	Designing Systems with Multiperson Units in the Community
NUR 450	2 hrs.	Directed Study in Nursing
NUR 451	6 hrs.	Designing Nursing Systems in Complex Nursing Situations
NUR 452	2 hrs.	Nursing Perspectives

Plus three elective hours chosen from the following courses:

NUR 301	3 hrs.	Concepts Applied to the Self-Care Deficit Theory of Nursing
NUR 360	3 hrs.	Topics in Nursing
NUR 460	1,2,3 hrs.	Independent Study.

BACHELOR OF GENERAL STUDIES DEGREE

The Bachelor of General Studies is a flexible program designed to allow a student to structure a course of study to fit his or her own particular needs and circumstances. For the Bachelor of General Studies degree, the following are required:

(1) A minimum of 120 semester hours;

(2) A minimum of 30 semester hours in either a major or an area of emphasis (more than 30 semester hours if the major requires it);

(3) A minimum cumulative quality point average of 2.000 on all work completed at Queens and on all work in the major or area of emphasis;

(4) At least 36 semester hours in courses at the 300 level or above;

(5) At least 60 of the 120 semester hours completed at Queens;

(6) The last 30 of the 120 semester hours in residence at Queens or in a Queens approved program.

The B.G.S. degree does not require the Distributed Requirements obligatory for the other bachelor's degrees.

A student who wishes to pursue the Bachelor of General Studies degree should notify the Director of New College of his or her intent and specify the general area of interest. The Vice President for Academic Affairs will assign a faculty advisor to work with the student.

A central feature of the Bachelor of General Studies program is the close interaction of the student with advisor who helps plan a program of study as well as evaluates the student's progress from time to time.

The individual emphasis is designed to meet the student's personal educational objectives. The area of emphasis may or may not be one of the specific majors offered in other degree programs. The elective hours chosen in consultation with the student's advisor will be determined by the individual emphasis. Upon entering the program, the student will, with the advisor's guidance, plan the appropriate course of study, *subject to the final approval of the advisor's department and division chairman.* A student should have his or her plan of study approved as early as possible, and not later than the beginning of the final year of study.

CERTIFICATES

A certificate is awarded upon completion of a specifically designed sequence of courses that enable a student to become proficient in an area without completing a major or minor. Certificates may vary in the number of hours required.

A minimum of four of the required courses must be completed at New College with a cumulative quality point average of no less than 2.000 in order to qualify for a certificate.

Application for certification should be filed with the Registrar prior to registration for the final course.

COMPUTER BASED BUSINESS APPLICATIONS CERTIFICATE

This certificate will provide a broad overview of computer utilization in business systems, while also providing adequate methodological content to allow for the manipulation and analysis of data.

Required courses are:

BUS 110	Personal Computers for Information Management
BUS 322	Management Science
BUS 326	Systems Analysis, Design & Implementation
BUS 434	Management Information Systems
CSC 101	Computer Programming I
CSC 212	Introduction to Business Information Processing

MAT 105 and MAT 206 may also be needed as prerequisite courses.

COMPUTER BASED ACCOUNTING CERTIFICATE

This program combines personal computer skills and accounting expertise and will benefit especially people without accounting degrees who perform jobs in accounting or related areas.

Requirements for the certificate.

BUS 110	Personal Computers for Information Management
BUS 207	Financial Accounting I
BUS 208	Financial Accounting II
BUS 311	Cost Accounting
BUS 324	Report Formulation and Presentation

WRITTEN COMMUNICATIONS CERTIFICATE

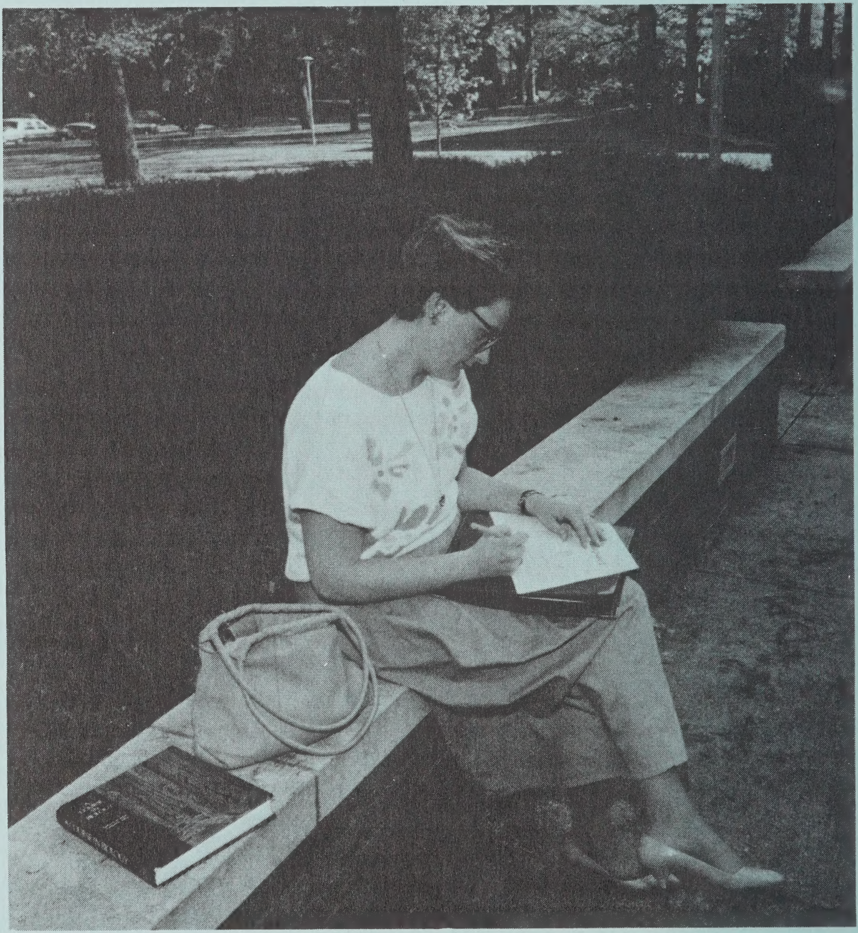
This certificate is designed to teach and polish a student's writing skills while allowing the student to structure a group of courses in Communications to reflect his or her particular interests.

Required courses are:

ENG 101	Communications Skills I
ENG 102	Communications Skills II
COM 207	Expository Writing

Three additional courses must be completed, either Group I **or** II.

I.	ENG 109	Business English
	COM 204	Introduction to News Writing and Editing
	BUS 324	Report Formulation
II.	COM 204	Introduction to News Writing and Editing
	COM 304	Advanced Writing for the Media
	COM 307	Advanced Composition



UNDERGRADUATE COURSE DESCRIPTIONS

COURSE CHANGES

Queens reserves the right to change the course offerings and instructors indicated in this catalog without prior notice to persons who may thereby be affected. Every effort is made to help a student affected by a course change.

COURSE LISTINGS

Course listings give general information. Descriptions for all elective courses not listed in this Catalog will be published prior to each term.

COURSE NUMBERS

Undergraduate Courses

In general, courses numbered **100-299** are primarily for freshmen and sophomores; those numbered **300-499** are primarily for juniors and seniors. In specific cases, however, the individual student's ability and background rather than his or her class standing will determine the appropriate level of work.

Double numbers separated by a comma (e.g., 301, 302) indicate that completion of both courses form a desirable unit. Occasionally the first course is a prerequisite to the second.

Some courses are scheduled to be offered in a specific (Fall, Spring, or Summer) semester. Other courses are undesignated. January Term courses are announced each fall.

Upon recommendation of the student's advisor, an undergraduate student with senior standing may request permission to take a graduate level course. The instructor of the course, and the Vice President for Academic Affairs must grant permission. Credit earned by an undergraduate student in a graduate course will always be considered undergraduate credit unless a special program is involved.

Art

ART 101 Introduction to Art

3 Hrs. (Summer)

Designed for the student with no experience who wishes to gain some understanding of fundamental concepts necessary for the visualization of an idea. Involves aspects of lecture and studio procedures. Concepts of line, value, form, structure, space and color will be introduced through periodic slide presentations. Exploration of such media as pencil, pen and ink, charcoal and acrylic paint. Subject matter: still-life and landscape.

ART 215 Ancient to Early Renaissance Art
3 Hrs. (Fall)
Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of the Mediterranean and European countries from prehistoric times to approximately 1500 A.D.

ART 216 High Renaissance Art to the Present Time
3 Hrs. (Spring)
Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of Europe and America from approximately 1500 to the present day.

Prerequisite: ART 215, or permission of instructor.

ART 227 Photography
3 Hrs. (Summer)
Photography used as an expressive medium and as a tool for exploring visual experience. Emphasis will be on selection and treatment of subject matter. Students will learn necessary skills in photographic technique and be acquainted with the historical development of photography.
Six hours studio a week. Course fee $40.

ART 307 Art in the United States
3 Hrs.
Study of the architecture, sculpture, painting, and minor arts of the Colonial period through the present, supplying courses in American social and political history.

ART 255 Advertising, Layout, Production and Design
3 Hrs.
Fundamentals of advertising production with special attention to layout techniques and design attitudes governing graphic arts.
Six hours studio a week.
Prerequisites: Permission of the instructor.

ART 364 Intermediate Advertising, Layout, Production and Design
3 Hrs.
Continued investigations into advertising production. Further developments of layout techniques and design attitudes governing graphics arts.
Six hours studio a week.
Prerequisite: ART 255

Biology

BIO 102 Animal Biology
4 Hrs. (Fall)
Survey of the animal kingdom; study of the organization and activities of animals with emphasis on man; the evolution of animal life.
Three hours lecture and three hours laboratory a week.
No Prerequisite. Lab fee $25.
Offered alternate years. Offered 1988-1989.

BIO 103 Principles of Biology
4 Hrs. (Spring)
An introduction to the principles of underlying the activities of living organisms;

origin of life; molecular biology; cell structure and function; heredity. Laboratory emphasizes the scientific method.
Three hours lecture and three hours laboratory a week. Lab fee $25.
Prerequisite: High School Chemistry or Chemistry 101.
Offered alternate years. Offered 1988-1989.

Business Administration

BUS 110 Personal Computer for Information Management
3 Hrs. (Fall, Spring, Summer)
A survey of the personal computer as a tool for information management. Topics covered are hardware and software options and solutions with emphasis on available software packages; the personal computer as part of a computer network; limitations and problems in personal computing; and current trends in personal computing. The course will include laboratory use of database, spreadsheet, and word processing software.
Lab fee $50.

BUS 115 Introduction to Business
3 Hrs.
An introduction to each of the principal areas of the business curriculum; Accounting, Finance, Management, and Marketing, as well as the role of business in American society and the nature of the private enterprise system.

BUS 207 Financial Accounting I
3 Hrs. (Fall, Spring, Summer)
An introduction to financial accounting principles. Topics to be covered include recording of transactions, preparation of various journals, posting of ledgers, and preparation of income statements and balance sheets.

BUS 208 Financial Accounting II
3 Hrs. (Fall, Spring, Summer)
An introduction to the theory, methods, and uses of accounting information in solving business problems. Topics include accounting for partnerships, corporations and income taxes.

Prerequisite: BUS 207.

BUS 305 Business Law I
3 Hrs. (Fall)
An introduction to law with an emphasis on the legal rights and duties of the individual engaged in business. Topics to be covered include contracts, sales, personal property, and bailments.

Prerequisite: Sophomore standing.

BUS 307 Intermediate Accounting I
3 Hrs. (Fall)
A study of financial accounting theory along with generally accepted accounting principles. Topics include special problems of presentation in regard to cash, receivables, inventories, plant, and equipment.

Prerequisites: BUS 207 and 208.

BUS 308 Intermediate Accounting II

3 Hrs. (Spring)

A continuation of the study of financial accounting theory along with generally accepted accounting principles. Topics include special problems of presentation in regard to liabilities, leases, pensions, equity, income taxes, earnings per share, and changing prices.

Prerequisite: BUS 307.

BUS 311 Cost Accounting

3 Hrs. (Spring)

A study of cost account systems including problems of cost determination. The course will emphasize the development of techniques for use in managerial decision making such as standard costs and budgeting. Other topics include cost-benefit analysis, break-even analysis, and capital budgeting.

Prerequisites: BUS 207 and 208.

BUS 313 Auditing

3 Hrs. (Fall)

A study of auditing standards as they relate to internal, external, and public sector auditing. Topics to be covered include auditing theory and ethics, responsibilities and legal liability, audit evidence, audit method, and the audit report.

Prerequisites: BUS 307 and 308.

BUS 315 Business Law II

3 Hrs. (Spring)

A continuation of the study of law as it impacts the individual engaged in business. Topics include agency, partnerships, corporations, real property, and government regulation of business.

Prerequisite: BUS 305.

BUS 316 Federal Taxation

3 Hrs. (Fall)

A comprehensive study of the federal tax system. Topics include income, deductions, credits, and exclusions.

Prerequisites: BUS 207 and 208.

BUS 317 Advanced Accounting

3 Hrs. (Summer)

An advanced study of financial accounting theory and application. Topics include external reporting, consolidations, partnerships, governmental accounting, and fiduciary accounting.

Prerequisites: BUS 308.

BUS 320 Business Ethics

3 Hrs. (Spring)

Analysis of business policies and practices with respect to their social impact; patterns of governmental regulations; political activities of trade associations and other special-interest groups; the relationship between public policy and the growth of corporate enterprise; and the social responsibilities of business management.

BUS 321 Production/Operations Management

3 Hrs.

The management process applied to the design and operations of a production system, with production viewed as a function of the business rather than strictly a manufacturing activity. Topics include the planning, organizing, and controlling functions of management; forecasting, facility location and layout; job design and scheduling; quality control and inventory control.

Prerequisites: MAT 105 and 206.

BUS 322 Management Science and Decision Support Systems

3 Hrs. (Fall)

An introduction to practical quantitative techniques that can be successfully applied to management problems. Techniques covered include decision trees, linear programming, inventory models, simulation, and network models. While most of these techniques are available in various computer software packages and the computer will be used to some degree, the emphasis in this course is on developing a basic understanding of the concepts and techniques themselves.

Prerequisites: MAT 206.

BUS 324 Report Formulation and Presentation

3 Hrs. (Spring, Summer)

Basic techniques of business research; report preparation and presentation, both written and oral. Emphasis on organization and presentation, clarity, brevity, style, and use of visual aids.

BUS 326 Systems Analysis, Design, and Implementation

3 Hrs. (Fall)

Developing systems to meet the need of an organization, training managers in design capabilities and limitations of information systems, beginning training for professional systems analyst, and providing techniques for facilitating the implementation process.

Prerequisites: CSC 201 or 212, or permission of the instructor

Note: Students may take this course as CSC 326.

BUS 331 Personnel Administration

3 Hrs.

A study of the personnel function in the organization. Topics covered include job design, staffing, performance appraisal, training and development, compensation, and collective bargaining. Current topics in the law (OSHA, Fair Employment Regulations, etc.) which affect the personnel function are considered.

BUS 333 Principles of Management

3 Hrs. (Fall, Spring, Summer)

A basic survey of management theory with emphasis on the functional and task requirements of management, and behavioral considerations. Specific topics include the planning, organizing, and controlling functions of management; contemporary models of organizational design; motivation and performance; and group behavior and influence processes.
Students who have taken BUS 314 may **not** take BUS 333 for credit.

BUS 340 Marketing

3 Hrs. (Fall, Spring, Summer)

A study of the interrelationship between marketing functions and the other primary functions of firms or organizations. An analytical survey is made of the problems of product planning, pricing, promotion, channels of distribution, and legislation affecting marketing activities as related to the satisfaction of the individual consumer and societal wants and needs.

BUS 341 Advertising

3 Hrs. (Fall)

This course encompasses a full review of the development and execution of advertising campaigns. Aspects of consumer research, market analysis, media planning, creative strategy formulation, federal trade regulation and final production will be examined. Exploration of advertising agency operations and the client/agency relationship will be included. In-class projects and case analyses will provide practical experience in advertising strategy development and evaluation.

Prerequisite: BUS 340

BUS 342 Public Relations

3 Hrs. (Spring)

An overview of public relations strategies and techniques for businesses and for nonprofit organizations. Emphasis on the identification of the various publics with which an institution interacts. Examines the various media appropriate for specific public relations communications.

Prerequisite: BUS 340.

BUS 351 Consumer Behavior

3 Hrs. (Spring)

An overall view of some of the basic perspectives of consumer behavior. An interdisciplinary approach will be stressed including the fields of economics, psychology, sociology, and anthropology, as related to marketing. Emphasis is placed on the fundamental processes of motivation, perception, and learning, as well as analysis of individual and group influences as related to the marketing of goods and services.

Prerequisite: BUS 340.

BUS 353 Promotion Management

3 Hrs. (Fall)

A study of the promotion activities of personal selling, advertising, public relations/publicity, and sales promotion as part of overall marketing strategies and budgets.

Prerequisite: BUS 340.

BUS 360 Corporate Finance

3 Hrs. (Fall, Spring, Summer)

Introduction to basic concepts, principles, and analytical techniques of financial management. Emphasis on planning and managing assets. Topics include formulating financial objectives, short-term financial analysis, financial forecasting and planning, current asset management, elementary capital budgeting and cost of capital, the nature of long-term sources of funds, analysis of risks in financial decisions involving alternative investment options, mergers and acquisitions, problems in valuation, dividend policy, financial leverage, and determination of optimal capital structure.

Prerequisites: BUS 207 and 208, ECO 203 and 204, and MAT 206.

BUS 372 Personal Financial Management
3 Hrs.

A study of the management of personal and family affairs. includes income and expenditure planning, credit and borrowing, personal savings, taxes, insurance, social security, investing, and retirement and estate planning.

BUS 420 Comparative International Business Practices
3 Hrs.

Survey and analysis of similarities and differences in management and business practices in selected countries drawn from diverse parts of the world. Evaluation of socio-economic, political, legal, educational, and cultural factors on managerial decision making and business practices in specific environments. Some use of case analysis.

Prerequisites: ECO 203 and 204, BUS 321 or 333, and 340.

BUS 421 Organizational Behavior
3 Hrs. (Fall)

An examination of the behavioral aspects of organizations within our society. Specific topics include the interrelationships between the individual, informal and formal groups; group formation, cohesiveness, conformity, norms; interpersonal communications; conflict; authority, power and influence; leadership, motivation and performance.

Prerequisite: BUS 333.

BUS 432 The Entrepreneurial Enterprise
3 Hrs.

A study of the characteristics which distinguish an entrepreneurial enterprise from the concepts of the small business and the large firm. Present and past case histories will be used to examine the risks and opportunities facing the entrepreneurial firm. The methods used to determine the feasibility of successfully establishing a company, and for developing a business plan for entrepreneurial ventures will be studied.

Prerequisites: BUS 333, 340, and 360, or permission of the instructor.

BUS 434 Management Information Systems
3 Hrs. (Spring)

File organization and security with implementation in an appropriate language, data base management systems, management use of computers for data processing, planning and decision making.

Prerequisite: BUS 326.

BUS 440 Systems Implementation I: Financial
3 Hrs.

The application of the tools, techniques, and skills learned in prerequisite courses as they apply to financial systems. Emphasis is placed on the development of computer-based financial applications and their integration into a total system.

Prerequisites: BUS 110, 311, 360; CSC 212; MAT 206, 308.

BUS 452 Marketing Management

3 Hrs.

A study of the marketing strategies used by management under a variety of circumstances and within a variety of business and organizational settings. The case analysis method is utilized.

Prerequisite: BUS 340.

BUS 453 Marketing Research

3 Hrs. (Summer)

An introduction to the research and methods used in the marketing process. Areas given emphasis include sources of market, data, sampling surveys, interpretation of data, and the relationship of market research to the policies and functions of a business.

Prerequisite: BUS 340 and MAT 206.

BUS 454 International Trade

3 Hrs.

A study of international payments, international economic theory, contemporary economic nationalism, international investment and currency problems, and the commercial policies of foreign countries.

Prerequisites: ECO 203 and 204.

BUS 470 Principles of Investment

3 Hrs.

A study of the economic and investment environment as it relates to security investment decisions. Introduction to the concepts and techniques relevant to the formulation of investment objectives, strategies and policies for individual and institutional investors. An elementary treatment of portfolio theory and the capital asset pricing model.

Prerequisites: BUS 360.

BUS 472 Seminar in Financial Management

3 Hrs.

In-depth treatment of advanced problems in managerial finance. Topics include working capital management, capital budgeting, cost of capital, valuation, dividend policy, and long-term financial management. Extensive use of cases.

Prerequisites: BUS 360.

BUS 485 Business Policy

3 Hrs. (Fall, Spring)

Designed to develop analytical skills in strategy formulation and implementation and an integrated view of business operations. Provides a basic grasp of policy problems in a variety of business and governmental settings through the use of case studies.

Prerequisites: BUS 305, 333, 340 and 360.

BUS 492 Current Topics

3 Hrs.

Course designed to investigate and/or evaluate current topics or specialized areas of business. Course topic is to be announced the semester preceding the offering.

Prerequisite: To be designated for each specific course offered.

BUS 495 Independent Research/Study
1 to 3 Hrs.
A program of directed readings or a research project requires approval of the supervising professor, the division chairman, and the Vice President for Academic Affairs. Open to business major seniors with a 3.00 QPA in the business major.

Chemistry

CHM 101 General Chemistry I
3 Hrs. (Fall)
This course includes the structure of the atom; the structure of the nucleus and nuclear chemistry; the Periodic Table; chemical bonding; solids, liquids, and gases; and stoichiometric relationships, the properties of solutions, colloidal systems, chemical equilibra, and hydrocarbons. Three hours lecture a week.
CHM 101L must be taken also in order to fulfill a distributed requirement in Area IV.

Offered alternate years. Offered 1989-1990.

CHM 101L Introduction I
1 Hr. (Fall)
This laboratory introduces the student the elementary glassworking; general laboratory equipment and techniques, the principles of quantitative operations, and qualitative analysis.

Three hours laboratory a week. Lab fee $25.

Offered alternate years; offered 1989-1990.

CHM 102 General Chemistry II
3 Hrs. (Spring)
This course is an introduction to organic chemistry and biochemistry, including functional groups, reactions, and synthesis. Three hours lecture a week.
CHM 102L must also be taken in order to satisfy a distributed requirement in Area IV.

Prerequisites: Chemistry 101 or permission of the instructor.

Offered alternate years; offered 1989-1990.

CHM 102L Introduction II
1 Hr. (Spring)
The student in this laboratory is introduced to semimicrotechniques, chromatography, elementary organic and biochemical techniques.

Prerequisites: CHM 101L or permission of the department.

Three hours laboratory a week. Lab fee $25.

Offered alternate years; offered 1989-1990.

Communications

COM 103 Voice and Diction
3 Hrs.
An analysis of each student's voice, articulation and pronunciation with the aim of identifying and correcting non-standard speech habits. Through use of the

International Phonetic Alphabet and language laboratory equipment, concentration will be centered upon the perfection of vowels, diphthong and consonant sounds. Directed exercises will give the student practice in the improvement of voice and diction. Dialectical problems are analyzed and corrected.

COM 110 Introduction to Mass Communications

3 Hrs. (Fall, Summer)

An introduction to the major fields of communications (television, radio, film, newspapers, magazines, advertising, and public relations) and to the importance of communications in modern American society. Some attention will be paid to the history of the media and to the laws, pressure groups, and regulatory agencies which influence them.

COM 204 Introduction to News Writing and Editing

3 Hrs. (Fall)

Study of newspaper methods and the techniques of news writing, with some emphasis on elementary problems of editing and makeup.

Prerequisites: COM 110 and ENG 102, or permission of the department.

COM 207 Expository Writing I

3 Hrs. (Fall)

Expository writing based upon topics and readings to be assigned by the instructor. The student will be expected to write knowledgeable expository prose based upon thought, reading, and research.

Prerequisites: ENG 101 and 102, or permission of the department.

Note: Students may elect this course as ENG 207.

COM 208 Expository Writing II

3 Hrs.

A continuation of Expository Writing I for those students who need or wish further experience in developing their writing.

Prerequisites: COM 207, or permission of the department.

Note: Students may elect this course as ENG 208.

COM 209 Techniques of Communications Production

3 Hrs. (Spring, Summer)

The course includes electronic news gathering theory and electronic field production theory with some hands-on experience in production. Introduction to the applications of video in advertising and public relations, including techniques of production and editing video, audio, and film. Introduction to multi-image presentations, including some script writing and the use of word processor. Basic operation and maintenance will be stressed.

Prerequisites: COM 110.

COM 213 History of Film

3 Hrs.

Introduction and historical analysis of the development of cinema; aesthetics and techniques, movements and genres, makers and performers. Film-viewing and optional film-making.

COM 232 Film Criticism

3 Hrs.

Study of the nature of film as an art form with detailed discussion of individual films. An analysis of the backgrounds of film-making with some actual use of film equipment.

Prerequisites: COM 110 or permission of the department.

COM 304 Advanced Writing for the Media

3 Hrs. (Spring)

Advanced study of the techniques of writing for the media, with emphasis on the development of specialized skills and research techniques.

Prerequisites: COM 204 and 207.

COM 305 Organizational Communication

3 Hrs. (Fall)

Nature and function of communications in organizations; includes information flow and processing, communications networks, role relationship, decision making and writing in formal organizations.

COM 307 Advanced Composition

3 Hrs. (Spring)

Study of principles of writing with special attention to observation and relection, form and meaning, modern usage, and effective expression.

Prerequisite: COM 207.

Note: Students may elect this course as ENG 307.

COM 308 Creative Writing

3 Hrs. (Summer)

Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained related work for students with interest in and aptitude for composition.

Prerequisites: COM 307, or permission of the department.

NOte: Students may elect this course as ENG 308.

COM 310 Television Production

3 Hrs. (Summer)

The student will learn the essentials of television studio production, including scripting, staging, lighting, set design, story board preparation, etc. The student will study the various roles involved in television production; such as director, writer, editor, and lighting engineer; and will gain some hands-on experience in work on a production using the available equipment.

Prerequisites: COM 110, 209, or permission of the department.

COM 350 Independent Study in Communications

3 Hrs.

This course involves an independent investigation of a period in the history of mass communications or of the influence of mass media on contemporary culture or of a topic related to other particular facets of the study of mass communications: for example, journalism, television, radio, magazines, advertising, or some aspect of American popular culture. Open to junior and senior majors with a 3.00 average in communications.

Prerequisites: COM 110, 204, and permission of the department.

COM 360 Topics in Communications

3 Hrs.

Intensive consideration of a single topic in communications. The topic for the course will vary from term to term and may range from a consideration of the work of a single individual to study of a general movement. Open to majors and to others with the permission of the department.

May be taken twice with different subtitles.

COM 361 Topics in Journalism

3 Hrs.

Intensive consideration of a single topic in journalism. The topic for the course will vary from term to term and may range from a consideration of the work as a single individual to a study of a general movement. Open to majors and to others with the permission of the department.

May be taken twice with different subtitles.

COM 400 Communications Professional Internship

3 Hrs.

This course involves a period of work-study of some aspect of communications—a radio or television station, a newspaper office, an advertising agency, the editorial office of a magazine—as circumstances dictate. Each student will be evaluated by the supervising agency and will write a personal evaluation of the work experience. May be repeated for up to nine hours of credit. Open to junior and senior majors only.

Prerequisites: Communications 110, 204, 207, and permission of the department.

COM 415 Media Ethics

3 Hrs. (Spring)

Analysis of media policies and practices with respect to their social impact; governmental regulation of the media; libel laws; pressure groups and their influence; the social responsibilities of media management; other ethical issues confronting persons in communications. Required of all senior majors.

Computer Science

CSC 101 Computer Programming I

3 Hrs. (Fall, Summer)

Introduction to use of computer as a problem-solving tool. Pascal is the current implementation language used. Topics to be covered are computer organization, programming language details and programming techniques, and algorithm development.

CSC 110 Modern Computer Concepts

3 Hrs.

An introduction to computer systems, including the history of computers, the uses of the computer in society, the architecture of computers, the configuration of computer systems and associated peripheral devices, and the operation systems used. The course includes an introduction to the mainframe and microcomputer and a brief introduction to programming concepts.

CSC 201 Computer Programming II

3 Hrs. (Spring)

Continue to develop the discipline of computers as a problem-solving tool. Pascal is the current implementation language used. Topics to be covered are structured programming concepts, debugging and testing, stiring processing, internal searching/sorting, and simple data structures.

Prerequisite: CSC 101.

CSC 212 Introduction to Business Information Processing

3 Hrs. (Spring)

Basic principles of business information processing and programming using Cobol or PL/1. Business case studies are designed to give one experience in both sequential and random access of files.

Prerequisite: CSC 101.

CSC 305 Introduction to File Processing

3 Hrs. (Spring)

Emphasis will be given to basic concepts and techniques of structuring data on bulk storage devices, sequential and random access files, and algorithms and techniques of file manipulation.

Prerequisites: CSC 330, or 201 and permission of the instructor.

Offered alternate years; offered 1988-1989.

CSC 326 Systems Analysis, Design, and Implemention

3 Hrs. (Fall)

Developing systems to meet needs of an organization, training managers in design capabilities and limitations of information systems, beginning training for professional systems analysis, providing techniques for facilitating implementation process.

Prerequisite: CSC 201 or 212, or permission of the instructor.

CSC 330 Data Structures

3 Hrs. (Fall)

Review of primitive data representation, logic, elementary searching and sorting; data structures; arrays, linearly linked and multilinked lists, stacks, queues, graphs, binary trees; processing data structures, internal and external sorting, merging and searching; storage allocation, garbage collection and compaction.

Prerequisite: CSC 201.

CSC 350 Introduction to Computer Systems

3 Hrs. (Fall)

Objectives are to provide concepts of computer systems, introduce computer architecture, and to teach an assembly language. Topics to be discussed are computer structure, number representation and arithmetic, machine language, addressing techniques, macros, file I/O, program segmentation and linkage, and assembler construction.

Prerequisite: CSC 201.

Offered alternate years; offered 1989-1990.

CSC 360 Introduction to Computer Organization

3 Hrs. (Spring)

Provides an understanding of physical components used in computer hardware. Topics to be discussed are basic logic design and computer architecture and continuing the areas of coding and number representation and arithmetic. Study the architecture of a microcomputer.

Prerequisites: CSC 350.

Offered alternate years; offered 1989-1990.

CSC 360L Introduction to Computer Organization Laboratory

1 Hr. (Spring)

Introduction to fundamental components of a computer starting with simple digital circuitry and building more complex circuitry.

Three laboratory hours per week. CSC 360L must be taken concurrently with CSC 360.
Lab fee $25.00

Prerequisite or Corequisite: PHY 102
Corequisite: CSC 360.

Offered alternate years; offered 1989-1990.

CSC 380 Database Management Systems

3 Hrs.

An introduction to systems and procedures for managing large computerized databases. Relational (system R), hierarchical (IMS), and network (DBGT) database designs will be discussed, as well as normalization techniques and the three schema architecture. Database languages studied will be SQL, QBE, relational algebra and relational calculus.

Prerequisite: CSC 330.
Prerequisite or Corequisite: CSC 305.

CSC 410 Comparative languages

3 Hrs. (Fall)

Introduction to formal language and automatic concepts; review of basic datatypes and structures; control structures and data flow; implementation of these in several languages. (APL, ALGOL, SNOBOL4, PL/1, LISP).

Prerequisites: CSC 330.

Offered alternate years; offered 1988-1989.

CSC 430 Operating Systems

3 Hrs. (Spring)

Introduction to the role of software organization in general computer systems. Problems, techniques, and concepts in multiaccess, multiprogram, and multiprocess systems.

Prerequisites: CSC 330.
Prerequisite or Corequisite: CSC 360 and CSC 360L.

Offered alternate years; offered 1988-1989.

CSC 440 Analysis of Algorithms
3 Hrs.
Methods of analyzing the correctness and efficiency of algorithms.

Prerequisites: MAT 209 and 114; CSC 330.

CSC 450 Independent Studies in Computer Science
1-4 Hrs.
Research projects in the area of the student's interest; written report will be required. May be taken more than once, but total credits may not exceed four hours.

Prerequisites: Open to advanced students by permission of the instructor.

CSC 460 Systems Simulation
3 Hrs.
Introduction to simulation and comparison with other techniques. Discrete models and queuing theory. Introduction to SIMSCRIPT as a simulation language.

Prerequisites: CSC 330 and MAT 306.

CSC 470 Topics in Computer Science
1-4 Hrs.
This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles.

Prerequisites: One year of college computer science. May vary with topic. Lecture and laboratory hours vary with the hours credit and the course taught.

CSC 490 Computer Science Professional Internship
1,2,3 Hrs.
Practical experience under supervision in the field of computer science.

Prerequisites: At least 21 hours in computer science and permission of the department.

Economics

ECO 203 Principles of Macroeconomics
3 Hrs. (Fall, Spring, Summer)
Introductory survey of aggregate economic principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization policies and international trade.

ECO 204 Principles of Microeconomics
3 Hrs. (Fall, Spring, Summer)
Survey of economic principles, dealing with specific components of the economy and their application to economic problems; basic demand and supply theory; the theory of production and income distribution; agriculture, government regulation, and labor organizations.

English

Prerequisites

ENG 101, 102 and 201 are prerequisite to all English courses numbered 300 or above. Special consideration will be given, in certain cases, to non-English majors who desire to take courses numbered 300 or above.

ENG 101 Communications Skills I

3 Hrs. (Fall, Spring)

This course will emphasize the development of the student's critical standards, and will stress the ability to use research techniques. Some reading will be done to provide thematic content to the course.

ENG 102 Communications Skills II

3 Hrs. (Spring, Summer)

Course designed to help freshmen to write, read, and speak clearly. Part of the semester will be devoted primarily to speech. The rest of the semester will be devoted to teaching the student how to organize and write an effective short essay. Reading and research material will be used to stimulate the student's critical insights and to provide thematic content.

Prerequisite: ENG 101.

ENG 109 Business English

3 Hrs. (Summer)

Basic review of mechanics and composition skills. Some attention to oral as well as written communication. Letter writing and introduction to technical writing.

No credit toward English major or distributed requirements.

ENG 201 Introduction to Literature

3 Hrs. (Fall, Spring, Summer)

Selected American, English, and European fiction and drama; interpretive reading and writing based on literature; class discussions, individual conferences, and short papers. Course is prerequisite to all English courses numbered 300 and above, except in certain cases, with approval of instructor.

ENG 202 Women in Literature

3 Hrs.

Organized around female sterotypes and archetypes, this study of images of women in literature makes use of reading selections from nineteenth and twentieth century authors illustrating both positive and negative views of women as wives, mothers, sex objects, seductress-goddesses, spinsters and liberated persons.

ENG 207 Expository Writing I

3 Hrs. (Fall)

Expository writing based upon topics and readings to be assigned by the instructor. The student will be expected to write knowledgeable expository prose based upon thought, reading, and research.

Prerequisites: ENG 101 and 102, or permission of the department.

Note: Students may elect this course as COM 207.

ENG 217 Backgrounds to Western Literature

3 Hrs.

A study of the classical and biblical backgrounds which figure so importantly in the development of the Western literary tradition. While some considerations will be given to the historical and philosophic nature of the works studied, the emphasis will be on the works as great literature. Included will be a study of the Bible, Greek drama, the Homeric epic, and Aristotle's Poetics.

Open to freshmen, sophomores, and students not concentrating in English, as well as students concentrating in English.

ENG 301, 302 Literary History of England

3 Hrs., 3 Hrs. (Fall, Spring)

Historical and critical exploration of the major periods, forms, and attitudes of English literature from Beowulf to the present. Continuities and discontinuities of central developments of English literature will be discussed through texts. Literary examination and judgement as well as writing skills will be stressed.

For sophomores and juniors; 301, 302 need not be taken before other 300 numbered courses, but can be taken simultaneously or later.

Offered alternate years; offered 1988-1989.

ENG 303 Major Figures in World Drama: Ancient Greece to the Renaissance

3 Hrs.

Survey of dramatic literature from ancient Greece to the Renaissance with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

ENG 304 Major Figures in World Drama: Renaissance to Modern

3 Hrs.

Survey of dramatic literature from the Renaissance to the time of Ibsen with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

ENG 307 Advanced Composition

3 Hrs. (Spring)

Study of principles of writing, with special attention to observation and reflection, form and meaning, modern usage, and effective expression.

Note: Students may elect this course as COM 307.

ENG 308 Creative Writing

3 Hrs. (Summer)

Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained, related work, for students with interest and aptitude for composition.

Admission by permission of instructor.

Note: Students may elect this course as COM 308.

ENG 309 Chaucer and Medieval Literature

3 Hrs. (Fall)

Readings in medieval English literature with emphasis on Chaucer, the Arthurian romance, and the medieval drama.

Offered alternate years; offered 1988-1989.

ENG 312 The Renaissance

3 Hrs.

Exploration of the major attitudes, forms, and techniques of Renaissance literature with an emphasis on England. Broad connections with related departments in Renaissance art, history and government will also be examined.

ENG 313 Shakespeare

3 Hrs. (Spring)

Representative comedies, histories, tragedies, and romances with emphasis on Shakespeare's development as a dramatic artist.

ENG 318 The Seventeenth Century

3 Hrs. (Fall)

Study of poetry, drama, and prose with emphasis on Jonson, Donne and the Metaphysicals, and Milton.

ENG 320 Literature of the Restoration and the Eighteenth Century

3 Hrs.

A study of neo-classical literature, from the Restoration through Pope and the Augustans to the pre-romantics.

ENG 322 The Romantics

3 Hrs. (Spring)

Representative major poetical works of early and late Romantic authors. Key prose documents in the rise and development of Romanticism will also be examined.

Offered alternate years; offered 1988-1989.

ENG 324 The Victorian Age

3 Hrs.

Consideration of the major themes and concerns of novelists, poets, and prose writers of the Age of Victoria; emphasis on works of Tennyson, Carlyle, and other important figures.

ENG 325 The Novel

3 Hrs. (Fall)

Development of the novel as a literary form using selected works of English fiction from the 18th century to the present.

Offered alternate years; offered 1988-1989.

ENG 326 Modern British Literature

3 Hrs. (Spring)

Examination of modern British literature from the turn of the century to the 1950's. Emphasis on the works of Joyce, Yeats, Shaw, and the Bloomsbury Group. Central themes and technical innovations in 20th century poetry, fiction and dramas will be explored.

ENG 327 Modern Drama

3 Hrs. (Fall)

Study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

ENG 328 Modern American and English Poets

3 Hrs.

Development of modern poetry from its post-Victorian beginnings to the present; emphasis of Frost, Eliot, Yeats, and Stevens.

ENG 329 Identity Conflicts in Modern American Literature

3 Hrs.

Study of conflict between identity in a minority group and identity as an American.

ENG 331 American Literature to 1900

3 Hrs. (Fall)

Study of the particular properties and the major movements of American literature as seen in the works of major writers to 1900.

Offered alternate years; not offered 1988-1989.

ENG 332 American Literature Since 1900

3 Hrs. (Spring)

Study of the particular properties and the major movements of American literature as seen in the works of major writers since 1900.

Offered alternate years; not offered 1988-1989.

ENG 333 Southern Literature

3 Hrs.

Study of the growth and development of the literature of the American South. The course will emphasize unique regional qualities of subject, theme, and style.

ENG 334 Studies in Linguistics

3 Hrs.

Studies of the main tenets of structural linguistics and transformation grammar with some attention to the relation between linguistic theories and older theories about language.

ENG 336 Tragedy

3 Hrs.

Exploration of various possibilities of defining tragedy in terms of the protagonist, plot, an effect upon the audience, an attitude toward life, or others.

ENG 341 Spanish Literary Classics

3 Hrs.

Important literary works from various periods chosen for their importance and influence or reflection on world literature.

All course work conducted in English.

Note: Students may elect this course as SPA 341.

ENG 342 French Literary Classics.

3 Hrs.

Consideration of major literary works from various periods chosen for their value as contributions to world literature.

All course work conducted in English.

Note: Students may elect this course as FRE 343.

ENG 345 Spanish Drama of the Golden Age

3 Hrs.

Literary background of the Golden Age; reading and evaluation of drama.

All course work conducted in English.

Note: Students may elect this course as SPA 423.

ENG 348 Cervantes

3 Hrs.

Study of works of Cervantes, with emphasis on *Don Quixote* and the *Novales Ejemplares.*

All course work conducted in English.

Note: Students may elect this course as SPA 448.

ENG 351 Special Studies in English Literature

3 Hrs.

Intensive consideration of a single problem in English literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement.

May be taken twice with different subtitles.

ENG 352 Special Studies in American Literature

3 Hrs.

Intensive consideration of a single problem in American literature. The topics for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement.

May be taken twice with different subtitles.

ENG 354 Special Studies in World Literature

3 Hrs.

Intensive consideration of a single problem in world literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement. Primarily intended for short term courses.

May be taken twice with different subtitles.

ENG 355 Existential Philosophy in Literature

3 Hrs.

An examination of the themes and ideas of contemporary existential thought as they are embodied in the literary works of authors such as Dostoyevsky, Kafka, Malraux, Sartre, Beckette, Ionesco, and others. The course involves an analysis of such ideas as the nature and destiny of man, the problems of freedom and evil, the notions of alienation and isolation, the idea of the "death of God," and the ontological significance of death and anxiety.

ENG 449 Directed Readings in Composition or Literature
1,2,3 Hrs.
Independent investigation of a topic in composition or literature through a program of directed readings; oral examination conducted by the course supervisor and other members of the department upon invitation. Open to juniors and senior English majors with a 3.0 average in English.

ENG 450 Independent Study in Composition or Literature
2,3,4 Hrs.
Independent investigation of a topic in composition or literature resulting in a research paper which is evaluated by two members of the department. Open to junior and senior English majors with a 3.0 average in English.

ENG 460 Studies in Literature and Criticism
3 Hrs. (Spring)
Students will read works of literature and interpret them in the light of modern critical essays and selected works by major authors. Seminar for seniors only.

Offered alternate years; not offered 1988-1989.

Environmental Science

ESC 101,102 Environmental Science
3 Hrs., 3 Hrs. (Fall, Spring)
A study of the environmental issues confronting our present society; energy, population, pollution, natural resources, food production, materials production, waste disposal, transportation. Certain scientific principles are considered to be extent necessary for a basic understanding of the environmental problems, and some attention is given to the role of science in the development of and attempted solutions to these problems. Environmental Science 101, 102 will fulfill the Area IV Distributed Requirements.

Prerequisites: ESC 101 or a college level physical science course is prerequisite to ESC 102.

Two hours lecture, two hours laboratory a week.

Offered alternate years; offered 1989-1990.

French

FRE 101,102 Elementary French
3 Hrs.,3 Hrs. (Fall, Spring)
Presentation of the basic structure of the language; first term emphasis on the spoken language; second term, the use of the written language for communication and comprehension. French 101 may fulfill distributed requirements, Area II, upon satisfactory completion of French 102.

Offered alternate years; not offered 1988-1989.

FRE 370 Topics in French Studies
3 Hrs.
Course designed to address a specific topic of area of French studies. Topic will be announced the semester preceding the offering.

Prerequisites: To be designated for each specific course offered.

History

Prerequisites

Dependent upon the courses noted in descriptions, HIS 101 102, 203, or 204 may be required except with permission of the instructor.

HIS 101 World Civilization to 1650

3 Hrs. (Fall)

A survey of the history of civilization from the ancient world to the European crises of the seventeenth century, with emphasis upon the political, social, and intellectual development of Western civilization.

HIS 102 World Civilization Since 1650

3 Hrs. (Spring)

A survey of the history of civilization from the end of the religious wars and the emergence of the great European powers to the crises of the twentieth century and nuclear age, with emphasis generally upon the political, social, and intellectual development of Western civilization.

HIS 203 The United States to 1877

3 Hrs. (Fall)

Rise of an American tradition; establishment of a nation; economic and social developments; expansion and sectional controversy; war and reconstruction.

HIS 204 The United States Since 1877

3 Hrs. (Spring)

Setting the West; the triumph of business; reform movements and foreign affairs; the New Deal era; the Cold War era.

HIS 300 Research in Local and Family History

3 Hrs. (Spring)

Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds, wills, and census returns. There will be written and oral presentations of findings.

Offered alternate years; not offered 1989-1990.

HIS 301 English History to 1688

3 Hrs.

A survey of English history from the Roman conquest to the Glorious Revolution, with emphasis on the Tudor and Stuart periods.

Prerequisites: HIS 101 (or Humanities 211 and 212) or permission of the instructor.

HIS 302 English History Since 1688

3 Hrs.

The age of aristocracy and the first empire; the struggle against revolutionary and Napoleonic France; the ear of reform and high tide of imperialism; the democratic age and the storms of war.

Prerequisite: HIS 102 (or Humanities 213 and 214) or permission of the instructor.

HIS 307 History of Latin America
3 Hrs.
A survey of the forces and events which have shaped Latin American experience from the 16th century to the present.

HIS 315 Folklore and Oral History
3 Hrs.
Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in methodology of gathering and preserving historical information in oral form.

HIS 317 History of Russia
3 Hrs.
Cultural heritage of Kievan Russia; Muscovy and the origins of the autocratic state; St. Petersburg, imperial capital and cradle of revolution the new Leninist autocracy and the emergence of the USSR as a world power.

Prerequisites: HIS 101 or 102 or permission of the instructor.

HIS 319 Modern Germany
3 Hrs.
A survey of German history from 1618 to the present. Begins with the Thirty Years War, traces the evolution of the several German states, examines the process of unification led by Bismarck, and analyzes the emergence and solution of the "German Problem" in the nineteenth and twentieth centuries.

HIS 321 Nazi Germany
3 Hrs.
An intensive examination of German National Socialism. This course considers topics such as the origins and nature of Fascism; the Second World War in Europe; and the Holocaust.

Prerequisites: HIS 102; HUM 214; or permission of the instructor.

HIS 322 History of the Far East
3 Hrs.
A study of the history and culture of India, China and Japan. Art, architecture, science, philosophy and religion as well as family life and government will be looked at as manifestations of a people's culture. Some of the more recent political and economic developments will be the role of Gandhi and the Nehrus in India, the Communist revolution and Four Modernizations in China, and the Meiji Restoration and the "Economic Miracle" of Japan.

HIS 325 American Foreign Policy
3 Hrs.
Majors themes in the history of American diplomacy to 1945 with emphasis on their applications, modification, and development in relation to America's increased responsibilities as a world power.

Prerequisites: HIS 203 or 204 or permission of the instructor.

HIS 326 Contemporary American Foreign Policy
3 Hrs.
Analysis of the role of the United States in contemporary world politics; emphasis

upon the nature of the foreign policy-making process and the rationale, content, and impact of contemporary American international actions and policies.

Prerequisites: HIS 204 or permission of instructor.

HIS 361 Ideas and Values in Conflict in History
3 Hrs.

A study of decisive intellectual and moral conflicts involving individualism, humanism, obscurantism, fundamentalism, racism, nationalism, totalitarianism, socialism, Nazism, Communism, materialism, and fanaticism.

Prerequisite: Junior standing or permission of the instructor.

HIS 376 The Lives and Times of Eminent Victorians
3 Hrs.

A study concentrating on the political, social, intellectual, and cultural currents and developments in Victorian England.

HIS 379 Europe in the Middle Ages
3 Hrs.

A study of the political, intellectual, religious, cultural, social, and economic developments in Europe, Byzantium, and the Islamic world from the end of the Ancient World to the early Renaissance, with primary emphasis on Western Europe.

Prerequisites: HIS 101 or permission of the instructor.

HIS 380 Renaissance and Reformation
3 Hrs.

A study of the political, intellectual, religious, cultural, social, and economic developments in Europe from the 14th to the 17th centuries, a period of transition from Medieval to Modern Europe.

Prerequisites: HIS 101 or permission of the instructor.

HIS 386 Europe Since 1789
3 Hrs.

A comparative survey of modern Europe from the French Revolution to the present. The course investigates, among other topics, European industrialization, wars and revolutions, cultural trends, and social changes.

HIS 389 Topics in United States History
3 Hrs.

Topics are announced annually.

Prerequisites: HIS 203 or 204 or permission of the instructor.

HIS 390 Individuals and Generations
3 Hrs.

A biographical approach to history through the study of individuals living in different chronological periods. Students will gain a vivid and concrete feel for these historical times and examine the interaction of external forces upon the attitudes and actions of individuals.

HIS 391 Topics in World History
3 Hrs.

Topics announced annually.

Prerequisite: HIS 101 or 102 or permission of the instructor.

HIS 392 American Women: Leaders and Movements

3 Hrs.

Review of the role of women in the history of American society and politics.

Prerequisites: HIS 203 or 204 or permission of the instructor.

HIS 393 Main Currents in Southern History

3 Hrs.

Emphasis is on the economic, cultural, and intellectual forces that have shaped the thinking and actions of the South.

Prerequisites: HIS 203 or 204 or permission of the instructor.

HIS 394 Black-White Relations in America

3 Hrs.

A study of the interaction of blacks and whites in the British colonies and United States up to the present. Key periods and issues will be studied to see the problems faced, the responses made, and the consequences and significance of this heritage for both blacks and whites.

HIS 395 Intellectual History of the United States

3 Hrs.

A study of the intellectual tradition of the nation and the unique synthesis of ideas that has characterized American thought. Through examination of a cross-section of the works of major intellectual figures and exploration of the modes of thought of various generations, the course aims to provide students with deeper insights into the development of the "American" mind. Among topics under consideration are: the Puritan Mind, the American Enlightenment, ideas of the New Republic, the Mind of the South, individualism, pragmatism, conservatism, and reform.

Prerequisite: HIS 203 or 204.

HIS 396 Urban History

3 Hrs.

Study of the growth, development, and changing character of major cities in the United States from colonial days to the present. Emphasis placed on the city's impact on the thought and life of the nation.

Prerequisite: HIS 203 or 204 or permission of the instructor.

HIS 397 The United States: 1920 to 1945

3 Hrs.

The domestic history of the United States from 1920 to 1945; stress placed on diverse cultural and intellectual developments with special attention to the strain of social change and the subsequent responses of the institutions and movements.

Prerequisite: HIS 204 or permission of the instructor.

HIS 398 The United States: 1945 to the Present

3 Hrs.

The domestic history of the United States during the post World War II years; stress placed on the 1950s and 1960s and the intellectual, cultural, and social ferment from that period to the present.

Prerequisite: HIS 204 or 397 or permission of the instructor.

HIS 399 Forces of Change

3 Hrs.

An examination of various factors that act on individuals and society to produce change in the world, Climate, geography, economics, science and technology, global dynamics, culture, ideas, the individual and the masses, psychology, religion, and philosophy are some of the factors that may be discussed, utilizing readings of Toynbee, Turner, Webb, Rostow, Marx, Munford, Forrester, Spengler, Tolstoy, James, and/or others.

Prerequisite: Junior standing or permission of the instructor.

HIS 449 Directed Readings in History

1,2,3 Hrs.

Independent investigation of a topic through a program of directed readings. There will be an interpretive paper and oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic.

HIS 450 Independent Study in History

1,2,3 Hrs.

Independent investigation of a topic through the writing of a research paper; oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic or project.

HIS 475 Professional Internship in History

1,2,3 Hrs.

Designed to enable students to receive training in law and politics, public administration, government and foreign service, or other such career opportunities for which history provides a background.

Grading is Pass/Fail.

Open only to junior and senior majors with the permission of the department.

To count toward the history major at least 3 credit hours must be taken.

HIS 490 Senior Seminar

3 Hrs.

Colloquium for history majors who meet for discussions, lectures, and presentations of papers.

Prerequisites: Junior standing or permission of the instructor.

Humanities

HUM 211 The Western Experience in the Ancient World

3 Hrs.

An interdisciplinary course which explores the Western experience from the origins of civilization in the ancient Near East to the end of the Roman Empire in the West. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

HUM 212 The Western Experience in the Middle Ages, Renaissance,and Reformation

3 Hrs.

An interdisciplinary course which explores the Western experience from the advent of the Middle Ages through the Reformation. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

HUM 213 The Western Experience from the Scientific to the French Revolution

3 Hrs.

An interdisciplinary course which explores the Western experience from the Scientific Revolution and the Baroque Period through the Enlightenment and the French Revolution. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

HUM 214 The Western Experience from the French Revolution and Romanticism to the Nuclear Age

3 Hrs.

An interdisciplinary course which explores the Western experience from the French Revolution and the advent of Romanticism and the industrial Revolution to the Nuclear Age. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

Interdisciplinary Studies

IDS 201 Fundamentals of Library Research

2 Hrs.

This course is designed to give the learner a useful knowledge of library organization and effective research methods. The overall structure of the library will be presented and discussed. Students will be given research assignments which will allow them to become more proficient in research techniques in any area of their education.

Mathematics

MAT 101 College Algebra & Trigonometry

3 Hrs. (Fall)

Sets, equations, and inequalities; mathematical induction; relations, functions and their graphs; trigonometric functions.

MAT 105 Finite Mathematics

3 Hrs. (Fall, Spring, Summer)

Systems of equations, matrices, and an introduction to linear programming, probability, and statistics.

MAT 113 Calculus I

3 Hrs. (Spring)

An integrated treatment of analytic geometry and limits, continuity of functions, introduction to differentiation and integration with applications to extreme values and curve sketching.

Prerequisites: MAT 101 or the equivalent.

MAT 114 Calculus II

3 Hrs. (Summer)

Continuation of basic integration with applications, elementary transcendental functions, techniques of integrations (of functions of one variable), Taylor's theorem, L'Hospital's rule, improper integrals and infinite series.

Prerequisites: MAT 113.

MAT 206 Statistical Methods

3 Hrs. (Fall, Spring, Summer)

Introduction to the concept of statistical inference with emphasis on applications using the normal, t, chi-square, and F distributions. Primarily for persons concentrating in the behavioral or social sciences.

Prerequisite: MAT 101 or 105 or 113.

MAT 209 Discrete Structures

3 Hrs. (Summer)

A study of discrete structures with applications from computer science. Topics to be introduced are types and properties of relations, functions, lattices and Boolean algebras, trees, languages and grammar, basic theory or semigroups and groups, and finite state machines.

Prerequisites: CSC 101 and MAT 101 or 105 or equivalent.

MAT 213 Calculus III

3 Hrs. (Fall)

Vector algebra, curves and vectors in the plant and in three dimensions, solid analytical geometry, polar and spherical coordinates, partial derivations.

Prerequisite: MAT 114.

MAT 303 Linear Algebra

3 Hrs. (Fall)

Coordinate geometry; vectors and three-dimensional geometry; matrices and determinants; linear transformations.

Prerequisite: MAT 213.

MAT 306 Statistical Inference

3 Hrs.

Study of the relation of sample to population with the consideration of statistical problems such as testing of hypotheses, estimation, and experimental design.

Prerequisite: MAT 114.

MAT 308 Applied Linear Regression Models

3 Hrs. (Summer)

This course is designed to give the students a comprehensive understanding of both the underlying theory and practical applications of linear regression models. Students will be required to analyze data sets with the aid existing computer facilities and software.

Prerequisite: MAT 206 or MAT 306.

Offered alternate years; not offered 1988-1989.

MAT 311 Differential Equations

3 Hrs.

This course is designed to introduce the student to differential equations and their applications. In addition to studying the theoretical aspects of differential equations, students will also examine numerical methods and solutions with the use of the existing computer facilities and software.

Prerequisite: MAT 214.

MAT 403 Introduction to Operations Research

3 Hrs.

This course is designed to introduce the students to the fundamental ideas and methods of Operations Research and provide them with enough understanding and confidence to appreciate the strengths and limitations of Operations Research.

Prerequisites: MAT 214, 303, and 306.

MAT 409 Numerical Analysis

3 Hrs.

Roots of algebraic and transcendental equations difference calculus and interpolation; matrix inversion and eigen-value problems for differential equations.

Prerequisites: MAT 213 and 302. MAT 213 may be taken concurrently.

Music

MUS 100 Introduction to Music

3 Hrs.

Study of the basic materials of music, survey of the important composers and examination of selected masterpieces with reference to cultural background; technical knowledge of music not necessary for enrollment.

MUS 207 Music in America

3 Hrs. (Fall, Spring)

A survey of music and musical practices in the United States from colonial times to the present, with particular emphasis on those inherent qualities which have permeated America's serious and popular music over the past three centuries. No musical background necessary.

Private Instruction in Applied Music

Piano, organ, strings, voice or other instrument. The general aim of private instruction is development of all phases of performance: technique, style, musicianship, interpretation, and repertoire. Assignments to instructors are made by the chairman of the department, and student usually remain with the same instructor throughout the course of study.

Students registered for two credit hours per term receive sixty minutes of individual instruction per week.

Students registered for one credit hour per term receive thirty minutes of individual instruction per week.

See Fee Schedule in Section on Costs.

May be taken Pass/No Record.

MUS 171, 181 Private Instruction in Applied Music
1 Hr., 1 Hr.
One hour of daily practice required. May be repeated for credit. (a) piano (b) organ (c) strings (d) voice (e) other

MUS 172, 182 Private Instruction in Applied Music
2 Hrs., 2 Hrs.
Two hours of daily practice required. May be repeated for credit. (a) piano (b) organ (c) strings(d) voice (e) other

Nursing

NUR 200 Nursing as a Practice Discipline: The Self-Care Deficit Theory
4 Hrs. (Fall, Summer)
This is a survey non-clinical course which focuses on the practice discipline of professional nursing within the health care delivery system. The Self-Care Theory of Nursing is explored, and is relationship to the nursing process and health requirements is examined. Conceptualization of the self-care model of nursing practice, self-awareness, communications,and value clarification will be stressed.

Prerequisites: Registered nurse student or permission of instructor.

NUR 201 Introduction to Nursing as a Practice Discipline
3 Hrs.
This course introduces students to nursing as a practice discipline through an examination of: The Self-Care Model as a framework for nursing practice; the nursing process as it relates to the SCM and the role/status of the nurse as scholar, practitioner, researcher, and developer of nursing. Guided laboratory experiences in observation, interviewing, and recording data with healthy individuals will be provided. Focus will be on selected USCRs and DSCRs utilizing those interpersonal and social skills and technologies necessary to assess self-care systems of individuals at various stages of the life cycle.

No prerequisite.

NUR 202 Physical Assessment: Diagnostic Technologies for the Development of Nursing Systems
3 Hrs.
This course focuses on the development of the basic diagnostic technology of assessment as it relates to the nursing process within the SCM. Students will be introduced to the components of physical assessment that will draw heavily upon their preceeding knowledge of gathering subjective data in the preparation of a nursing history. Selected experiences with essentially healthy individuals will be provided to enable students to integrate their knowledge and skill of physical assessment.

Prerequisites: Nursing 201, Biology 111, or permission of instructor.

NUR 203 Introduction to Designing Nursing Systems
4 Hrs.
This clinical course focuses on the application of selected theoretical knowledge necessary to design nursing systems. Emphasis will be placed on utilization of previous knowledge of the SCM and nursing process, assessment skills, and

expansion of the student's knowledge of social, interpersonal, and regulatory technologies. Clinical experiences will be offered in a community hospital.

Prerequisites: Nursing 201 and 202, or permission of instructor.

Prerequisite/Corequisite: Chemistry 101.

NUR 204 Pharmacology

2 Hrs.

This basic course deals with classifications, dosages, physiological actions,and responses to medication therapy.

Prerequisites/Corequisites: Chemistry 102, 102L; Biology 112.

NUR 205 Nutrition

3 Hrs.

Students will study basic nutrition as it relates to health, health assessment, and health maintenance, as well as prevention of nutritional deviations and/or defects. Principles from both the physical and the behavioral sciences will be utilized in the study of the action, interaction and balance of nutrients in food and their relationship to health and altered health states.

Prerequisites/Corequisites: Chemistry 101, 101L.

NUR 301 Concepts Applied to the Self-Care Deficit Theory of Nursing

3 Hrs.

Students enrolled in this seminar course will begin to describe and operationalize selected concepts which are common to all aspects of the Self-Care Theory of Nursing. This course lays the foundation for the development of an orderly conceptual system which can be utilized in nursing practice.

Prerequisites: Nursing 200 or 201.

NUR 302 Designing Nursing Systems with Individuals with Health Divisions

8 Hrs.

This clinical course examines individual's patterns of responses to illness situations. The designing and implementing of nursing systems with adults experiencing health deviations is emphasized. Clinical practice will be provided in a variety of settings. Nursing oriented to regulation of physiological events is stressed.

Prerequisites: Nursing 203, 204, 205, and full acceptance to major.

Corequisite: Nursing 305.

NUR 305 Pathological Processes in Health Deviations

3 Hrs.

This (third-year) course examines structural and functional deviations or disorders which limit the individual's self-care agency. Disturbances in adaptive-mechanisms as well as in biochemical and physiological regulatory mechanisms which manifest themselves as pathological processes, are explored.

Prerequisites: Biology 111, 111L, 112, 112L; Chemistry 101, 101L, 102, 102L.

NUR 307 Designing Nursing Systems with Individuals with Behavioral Health Deviations

4 Hrs.

This clinical nursing course examines the health-deviation self-care requisites related to selected behavioral health deviations through the life cycle and how these affect the person and the multi-person unit (person's family and community). Clinical practice will be provided in an acute-care facility in both in-patient and out-patient areas.

Prerequisite: Nursing 302.

Prerequisite/Corequisite: Psychology 304.

NUR 314 Designing Nursing Systems for Childbearing/Childrearing Families

8 Hrs.

This clinical nursing course focuses on the multiperson unit, specifically the childbearing/childrearing family. Meeting the therapeutic self-care demands of the childbearing/childrearing family will be a primary objective. Health deviation self-care requisites relating to selected health problems and their impact on the clients' self-care agency will be explored.

Prerequisites: Nursing 205 and 302.

Prerequisite/Corequisite: Psychology 309.

NUR 360 Topics in Nursing

3 Hrs.

This course is designed to investigate a current topic or specialized area of nursing. The topics will be announced annually and will vary from term to term. It provides the student with an opportunity to study a topic that is not offered on a regular basis in the curriculum.

Prerequisite: Permission of instructor.

NUR 400 The Scholarly Dimension of Nursing

3 Hrs. (Fall, January)

This course focuses on the important components of the research process and those research methodologies appropriate to nursing. The student will begin to explore methods of classifying the ordering nursing phenomena, and to examine critically the major components of nursing practice in relation to research. This course serves as a foundation for Nursing 450 in the spring.

Prerequisite: Fourth-year standing in nursing major or permission of instructor.

Prerequisite/Corequisite: Math 206.

NUR 401 Management in Nursing

3 Hrs. (Fall, Spring, Summer)

A basic survey of management theory with emphasis on the functional and task requirements of management, and behavioral considerations. Specific topics include the planning, organizing, and controlling functions of management; contemporary models of organizational design; motivation and performance; and group behavior and influence processes.

Prerequisite: Fourth-year standing in the nursing major or permission of instructor.

NUR 402 Designing Systems with Multiperson Units in the Community

6 Hrs. (Fall)

This clinical nursing course examines the system of nursing delivery as a part of the larger health-care delivery system with emphasis on identification of health needs and encouragement of self-care and health promotion in the Community. Clinical practice will be provided in a variety of community agencies with the main focus on the family and the aggregate as multiperson units.

Prerequisite: Fourth-year standing in the nursing major.

NUR 450 Directed Study in Nursing

2 Hrs. (Spring)

This course involves concentrated study in nursing, whereby students are expected to synthesize and utilize their understanding of both the liberal arts and professional components of the curriculum, as they relate to the practice of professional nursing. Students are expected to summarize their study and experiences in a scholarly paper and in a formal seminar. Grading is P/F.

Prerequisite: Nursing 400.

NUR 451 Designing Nursing Systems in Complex Nursing Situations.

6 Hrs. (Spring)

This course offers selected, concentrated study in the design of nursing systems for clients experiencing multiple and complex deficits in self-care. The student will have the opportunity to refine, broaden, and enhance her nursing agency and expand the scope of her professional nursing practice. Ultimately the study will be expected to synthesize principles and concepts from the physical, social, and behavioral sciences, and from previous nursing courses, as well as analyze new knowledge of clients experiencing multiple and complex deficits of self-care.
Test fee: $25.

Prerequisites: Fourth-year standing in the nursing major; Nursing 401.

NUR 452 Nursing Perspectives

2 Hrs. (Spring)

Current trends, and issues in professional nursing will be explored in depth. Particular attention will be given to ethical, political, legal, and economic issues affecting the nurse agent. Projections of nursing for the future will be made in light of historical bases, expanded conceptual frameworks and present social trends.

Prerequisites: Fourth-year standing in the nursing major or permission of the instructor.

NUR 460 Independent Study in Nursing

1,2,3 Hrs.

Independent investigation of a selected topic in nursing will be accomplished through a program of directed readings An interpretative paper and oral examination are required: oral examination will be conducted by the course supervisor and other members of the department upon invitation. Open to advanced students by permission of the department.

May be repeated for credit.

Philosophy

PHI 203 Introduction to Philosophy
3 Hrs.
Introductory study of the perennial questions of philosophy and the various methods by which philosophy has tried to answer them.

PHI 205 Elementary Logic
3 Hrs.
A study of deductive logic in its development from traditional Aristotelian logic to contemporary symbolic logic. Emphasis on learning valid reasoning procedures, the fallacies of language, and problem solving using the terms of symbolic logic. Methods and fallacies of scientific method and inductive reasoning also discussed.

PHI 207 Ethics
3 Hrs.
Study of the theories and writers in moral philosophy; practical questions considered in the context of major questions of good, duty, right; consideration of problems in social ethics; and the critical analysis of contemporary moral problems.

PHI 220 Philosophy of Religion
3 Hrs.
Introductory study of some of the major areas of concern related to religious experience and values; development of a critical understanding of the nature of religion and such beliefs as God, freedom, evil, and the nature of man; and the relationship of religion to other human values.

Physics

PHY 101, 102. General Physics
4 Hrs., 4 Hrs. (Fall, Spring)
Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics.

Prerequisite: Elementary algebra and plane geometry; Physics 101 is prerequisite to Physics 102.

Three hours lecture and three hours laboratory each week. Lab fee $25.

Offered alternative years; offered 1988-1989.

Political Science

PSC 100 Introduction to Political Science
3 Hrs.
An introduction to basic concepts describing political activity, to the language and different approaches used in political science, and to the subfields of the discipline with emphasis upon comparative politics, international politics, empirical and normative political theory, public administration, and law and judicial behavior.

PSC 201 American Politics
3 Hrs. (Fall)
Political institutions and behavior; introduction to the Presidency, Congress, Supreme Court, political parties and pressure groups as actors in politics; conservatism and liberalism as motivating philosophies.

Psychology

Prerequisite:
Psychology 201 is prerequisite to all other psychology courses.

PSY 201 General Psychology
3 Hrs. (Fall, Spring, Summer)
Survey of the field of psychology emphasizing the results of scientific investigations in the area of behavior.

PSY 302 Psychology of Personality
3 Hrs. (Summer)
Survey of selected theories of personality and study of principles of personality development.

PSY 303 Social Psychology
3 Hrs. (Fall)
Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

PSY 303L Experimental Social Psychology
1 Hr.
Application of experimental methods to problems of social psychology such as attitude change, conformity, and leadership. Special problems of research design and techniques peculiar to the area of social psychology are considered.

Three hours laboratory per week.

Prerequisite or Corequisite: PSY 303.

PSY 304 Abnormal Psychology
3 Hrs. (Spring)
A study of the deviant individual from both the dynamic and behavioral viewpoints. The diagnosis, etiology, treatment, and prevention of maladaptive behavior are considered.

PSY 305 Introduction to Counseling
3 Hrs.
An introduction to various theories of behavior change, including dynamic, behavioral, cognitive, humanistic, and existential approaches to therapy. Individual, group, and family therapies will be discussed.

Prerequisite: PSY 201 and either PSY 302 or 304.

PSY 306 Experimental Methods of Psychology
3 Hrs. (Fall)
Application of experimental methods to problems in perception, learning, and

social behavior. Principles of research, including experimental design, use of apparatus,and procedural and statistical control are considered.

This course must be taken concurrently with PSY 306L.

Prerequisite: MAT 206.

Offered alternate years; not offered 1988-1989.

PSY 306L Laboratory in Experimental Psychology

1 Hr. (Fall)

Study of techniques and procedures of psychological research, and conducting of experiments in learning, perception, sensory processes, motivation, and social behavior.

Three hours laboratory per week.

This course must be taken concurrently with PSY 306.

Offered alternate years; not offered 1988-1989.

PSY 308 The Exceptional Child

3 Hrs. (Summer)

Study of the psychological problems of children who deviate from normative patterns of growth and development.

Prerequisite: PSY 309 or permission of the instructor.

PSY 309 Child Psychology

3 Hrs. (Fall)

Study of developmental processes from conception to puberty, with emphasis on theory, principles, and recent research.

PSY 311 Psychological Tests

3 Hrs. (Fall)

Introductory study of principles of test evaluation and interpretation and consideration of examples of the major types of psychological tests in reference to these principles.

Prerequisite: MAT 206

PSY 314 Psychology of Learning

3 Hrs. (Spring)

Survey of empirical findings on respondent and operant conditioning, and on human verbal learning with consideration of research methods and design, critical examination of historical and contemporary learning theory.

PSY 315 Laboratory in Conditioning and Learning

1 Hr.

Conducting experiments in respondent and operant conditioning and in human verbal learning.

Prerequisite or Corequisite: PSY 314

Three hours laboratory per week.

PSY 319 Psychology of Adolescence and Adulthood

3 Hrs. (Spring)

Study of developmental processes from puberty to old age, with emphasis on theory, principles, and recent research.

PSY 351 Professional Internship in Psychological Services
1,2,3 Hrs.
Placement in a local agency for supervised experiences in programs stressing psychological services. Possible service areas include mental health, mental retardation, juvenile delinquency, drug abuse, assessment, and psychological aspects of music therapy and art therapy. Evaluation of experiences and related readings in weekly seminars.

Admission by permission of instructor. May be repeated. Only 3 hours credit may be applied to a major in psychology.

PSY 352 Topics in Psychology
3 Hrs.
Intensive consideration of a problem in psychology. The topic for the course will vary from term to term.

Prerequisites: Sophomore status or above.

May be repeated with different subtitles.

PSY 400 Advanced General Psychology I
1 Hr. (Fall)
A restudy and synthesis of basic psychological principles.

Prerequisites: 21 hours of psychology courses and senior status.

Offered alternate years; offered 1988-1989.

PSY 401 Advanced General Psychology II
3 Hrs. (Spring)
Consideration of the major areas of psychology from classical positions through contemporary viewpoints.

Prerequisite/Corequisite: PSY 400

Offered alternate years; offered 1988-1989.

PSY 412 Physiological Psychology
3 Hrs. (Summer)
Introduction to the nervous system and internal environment and their effects upon behavior. Normal and abnormal conditions discussed with respect to sensation, learning, emotion, and motivation.

PSY 449,450 Independent Research
1,3 Hrs.
Opportunity for independent investigations of topics by means of reading and/or experimentation. First term is devoted to formulating the problem, determining its method of investigation, and compiling a bibliography; second term, to collecting the data and writing a report.

Prerequisites: Permission of the department; also, PSY 449 is prerequisite to PSY 450.

PSY 451 Seminar in Psychology
1,2,3 Hrs.
Seminar dealing with areas of psychology not covered in the regularly scheduled courses such as personnel psychology and behavior modification.

Admission by permission of instructor.

PSY 452 Directed Readings in Psychology
1,2,3 Hrs.
Independent investigation of a topic through a program of directed readings; oral examination conducted by department members.

Admission by permission of instructor.

May be repeated.

Religion

REL 105 Introduction to the Study of Religion
3 Hrs.
An introduction to religious thought and experience including sociology of religion, history of the Christian Church, theology, ethics, and comparative religions.

REL 205 The Old Testament
3 Hrs. (Fall, Summer)
Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature, and faith of the people in Israel as seen in the Old Testament.

REL 206 The New Testament
3 Hrs. (Spring, Summer)
The history, literature, and faith of the early Christian community as seen in the New Testament.

Students intending to take six hours in Bible should enroll in REL 205 prior to REL 206.

Spanish

SPA 101,102 Elementary Spanish
3 Hrs., 3 Hrs. (Fall, Spring)
Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the Hispanic civilizations. SPA 101 may fulfill distributed requirements, Area II, upon satisfactory completion of SPA 102.

Offered alternate years; offered 1988-1989.

Sociology

SOC 203 Principles of Sociology
3 Hrs.
Basic concepts and principles of sociology, relationships and meaning of culture, society, personality, and inter-action; analysis of group structure and social organization.

THE GRADUATE SCHOOL AT QUEENS

ADMISSION

Applications for admission may be obtained by writing the Admissions Office, Queens College, 1900 Selwyn Avenue, Charlotte, North Carolina 28274, or by calling (704) 337-2313.

FOR CAMPUS VISITS

Students seeking information about the College are encouraged to visit the campus and Admissions Office. The Admissions Office is open from 8:30 to 5:00 on weekdays throughout the year. Appointments for evenings or Saturdays may be made by calling the Admissions Office during regular hours. The Admissions Office is located on the first floor of Burwell Hall.

GRADUATE ADMISSIONS REQUIREMENTS

The admissions policy of The Graduate School is designed to select students of outstanding promise. Because the student body is the College's most important resource, careful attention is given to each student. Each applicant is considered on the basis of his or her individual achievements and merits.

In order to be considered for admission to The Graduate School, a student should meet the following guidelines:

1. Hold a baccalaureate degree from an accredited institution.
2. Submit official transcript(s) of all previous academic work beyond high school. All transcripts must be sent directly from each institution attended to the Admissions Office at Queens. It is the student's responsibility to have all transcripts sent to Queens College.
3. Have a cumulative grade point average (QPA) generally of at least 2.5 or better on a 4.0 scale on all post secondary academic course work. The QPA on all major courses or courses required for preparation for the area of proposed graduate study should be 3.0 or better on a 4.0 scale.
4. Submit a completed Graduate School application form including the non-refundable $20 application fee.
5. Provide the Admissions Office two letters of reference.
6. Submit evidence of satisfactory scores on the Graduate Management Admissions Test (GMAT), the Miller Analogy Test (MAT), or the Graduate Record Exam (GRE) depending upon the degree sought. Special planning is necessary to assure that tests are taken with sufficient lead time for scores to be sent to the Queens College Admissions Office in order to permit consideration for the desired semester or matriculation.

   Applicants for the MBA program must submit satisfactory scores on the Graduate Management Admissions Test. The test is to have been taken within the last five years.

Applicants for the MEd program must submit satisfactory scores on either the Graduate Record Examination or the Miller Analogy Test.

Applicants for the MNA program must submit satisfactory scores on either the Graduate Record Examination of the Graduate Management Admissions Test.

7. Applicants for the MEd are required to hold a North Carolina "A" Certificate or the equivalent. An MEd applicant who does not hold a North Carolina "A" certificate or the equivalent may apply for admission with preliminary or non-degree graduate status only.

   A program can be designed with the MEd advisor to fulfill "A" certification requirements. Most of the required courses for a teaching certificate are offered only in the College of Arts and Sciences at the undergraduate level; however, there are graduate level courses that will meet some of these requirements. A student is expected to complete a minimum of twelve credit hours successfully at Queens College before undertaking student teaching.

   For further information pertaining to student teaching, contact the Director of Teacher Education Programs.

8. Applicants from non-English speaking countries must also submit the following documents:

   a. a test score of 550 or higher on the Test of English as a Foreign Language (TOEFL) examination. Information and registration forms are available from TOEFL Programs, ETS, Princeton, New Jersey 08540.

   b. Certified English translation of all prior academic records for work which corresponds to the bachelor's degree in the United States.

   c. Bank statements stating the amount of money, in U.S. currency, available for the student's education. Because there are no federal or state financial aid resources for foreign students, the student and his or her family should be prepared to bear all expenses involved in obtaining an education in the United States.

STUDENT STATUS

Individuals allowed to enroll in the graduate courses musts be admitted under one of the following classifications:

Full Graduate Status

Full graduate status will be given to applicants who have met all admissions requirements including a satisfactory undergraduate quality point average, an acceptable aptitude test score, and the satisfactory completion of any required preparation or prerequisite courses.

Preliminary Graduate Status

Applicants who have not yet completed the required preparation courses may be designated as having preliminary graduate status. The student will be responsible for notifying in writing The Graduate School Office when he or she has satisfied the conditions for admission to full graduate status.

Probationary Graduate Status

An applicant whose undergraduate QPA or aptitude test scores is marginal or who has failed to maintain a 3.0 average (4.0 scale) in previous graduate course work may be given probationary graduate status. Six hours of graduate work must be completed at Queens College with a 3.0 or better QPA to be removed from probationary graduate status.

Non-degree Graduate Status

A student who wishes to take graduate courses for transfer to another institution, for personal satisfaction, or for teaching certificate renewal, but does not wish to work toward a degree, will be classified as having non-degree graduate status. To be admitted as a non-degree graduate student, an individual must complete the same admissions procedures as other graduate applicants and must meet the standards for general admissions into the graduate program. Generally, a graduate student may not take more than nine hours as a non-degree student. After completion of nine hours, the student may apply for the appropriate graduate status.

LENGTH OF ADMISSION ELIGIBILITY

Acceptance to The Graduate School will remain effective up to one calendar year following the commencement of the semester for which the acceptance has been made. Individuals who wish to enter after the one-year period are required to reapply, and the subsequent admission decision will be based on the existing admission standards at the time of the reapplication.

ACADEMIC POLICIES

CATALOG OF ENTRY

The catalog in effect for the semester in which a student registers for his or her first class is the student's catalog of entry.

REGISTRATION

All student are expected to register at the time and place indicated on the schedule each term.

RECORD OF IMMUNIZATION

North Carolina law now requires students who register for a class which begins before 4:00 p.m., including weekend classes, to present valid certificates of immunization to the College at or prior to registration unless the student is exempt from the law. A student will be exempt from the law if the student was enrolled in the 1986 Spring or Summer term and is continuously enrolled after that time, OR, if an exemption is granted for medical reasons, OR, if an exemption is granted for religious reasons. Record of immunization is NOT necessary for students who are taking classes which begin at 4:00 p.m. or later.

Students who register for a class beginning before 4:00 p.m., who are not exempt must present valid certificates of immunization for three diphteria and tetanus immunizations and, if the student is under age 30, for measles and rubelia. Any student who does not present valid proof of immunization or exemption must be immunized during the initial 30 days of the semester. Students who fail to comply will NOT be allowed to continue to attend classes.

Forms which students may provide their physicians to certify immunization are available in the Health Center. Students may also call the Health Center to schedule an appointment for immunizations, or to receive further information. The Health Center is open 24 hours a day from 3:00 p.m. Sunday until 3:00 p.m. Friday during Fall and Spring terms, and may be contacted at 337-2220.

TERM LOAD

A full-time graduate academic load is nine hours. A student who is employed full-time may not take more than six graduate credit hours per semester or a combination of graduate and undergraduate courses of nine or more hours without the written permission of the Dean of The Graduate School.

DUAL ENROLLMENT

Men and women enrolled in The Graduate School may take courses in the New College as well as the Graduate School. They may register for New College classes at the same time that they register for Graduate

Classes as long as they meet the necessary prerequisites or any other restrictions which may apply to an individual New College class.

Men and women enrolled in The Graduate School may, with permission, take a course in the College of Arts and Sciences, which offers courses during the day. Permission forms for Dual Enrollment are available in the Graduate School Office. Dual Enrollees will follow the procedures and policies of the College of Arts and Sciences and must register for these classes at the time of registration for the College of Arts and Sciences.

DROPPING AND/OR ADDING A COURSE

A course may be DROPPED only before the first class meeting. When a course is dropped, there is no record of that registration, and no charge is incurred for that course. A DROP differs from withdrawing from a class. Once the class has met, a student may withdraw from a course without financial penalty only if another course is added at that time. Once the classes have met a student may add a class only with the permission of the instructor. A student who drops all courses in The Graduate School in the first semester of attendance will *not* have matriculated into the college.

To DROP a course a student must contact the Graduate School Office and complete the appropriate form.

GRADING SYSTEM

Graduation requirements are based on both the quantity and quality of the student's work. The Graduate School uses the following system of grades and quality point values per credit hour.

Grade	Quality Point Value
A	4.0
B	3.0
C	2.0
F	0.0
P	0.0
I	0.0
W	0.0

PASS/NO RECORD

Specified courses will be offered only on a Pass/No Record basis. Such specification is noted in the individual course description. Unless specified, a course may not be taken on a Pass/No Record basis.

INCOMPLETES

A student who has received the grade of I (Incomplete) has a specific time period within which to complete the course work. A grade of I automatically becomes an F if the student fails to make up incomplete work satisfactorily. It is the student's responsibility to contact the professor and make arrangements for the work to be completed.

A grade of I received during Term I must be changed to another grade by the end of the second full week of Term II. Term II and Summer Term incompletes must be changed no later than the end of the second full week of Term I of the following academic year.

WITHDRAWAL FROM A COURSE

After the first class meeting in a course, a student who does not wish to continue in that course, but does not wish to add another course in its place, must WITHDRAW from the course. Withdrawal from a course is different from dropping a course.

To WITHDRAW from a course a student must contact The Graduate School Office and complete the appropriate form. A record is kept of courses from which a student withdraws. The student will receive a grade of W. There is a deadline for withdrawal from a course to receive a grade of W. The deadline is given on The Graduate School Calendar which is published with each semester's schedule.

The withdrawal deadline for the academic record differs from the withdrawal deadline for financial obligations. The Business Office publishes a schedule of dates in the Catalog and at registration for each Term with the deadlines for any proration of tuition.

A student who simply stops attending classes during the semester will receive a grade of F for the course.

WITHDRAWAL FROM THE COLLEGE

A student who wishes to withdraw from the College should notify The Graduate School Office and complete the appropriate form. Upon withdrawal from the College all grades in progress will be recorded as W. A student who simply stops attending classes will receive a grade of F for all courses.

AUTOMATIC WITHDRAWAL

If a student does not register for a course for two consecutive major terms (Fall and Spring), the student will be automatically withdrawn from the college. Such students must contact the Admissions Office to be readmitted to the college if they wish to continue taking courses at a later date.

The college reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

ELIGIBILITY TO CONTINUE

The graduate faculty of Queens College determines the academic standards which are administered by the Graduate Student Qualifications Committee. This committee reviews each case of academic difficulty to determine the appropriate action and academic status for the graduate student.

To remain in a graduate program, a student must maintain a 3.0 average on a 4.0 scale and must not make a grade of C or lower in more than two graduate courses. In addition, graduate students **must** maintain a 3.0 average in all prerequisite work. Any grade received from another institution will not be figured in the quality point average.

If a student receives two grades of C or lower or has a cumulative quality point average less than 3.0, the student will be placed on academic probation. A student placed on academic probation will have his or her record reviewed again by the Graduate Student Qualifications Committee after six additional hours of graduate work have been completed in order to determine whether sufficient academic progress has been demonstrated for the student to be allowed to continue in the program.

If a graduate student does not meet program requirements or adhere to recommendations of the Graduate Student Qualifications Committee, he or she will be subject to dismissal from the College. All decisions regarding dismissal may be appealed to the President of the College.

TRANSFER REGULATIONS

Generally, no more than six semester hours (2 courses) of graduate work in a thirty-three hour program or twenty percent of a program may be transferred from another institutions. Only graduate courses with a grade of B or better will be considered for transfer credit. Courses considered for transfer credit must have been completed within the three years immediately preceding admission into a Queens College graduate program. Granting of transfer credit is dependent upon the specific course under consideration which will be evaluated in terms of content, level, and equivalency of the courses in The Graduate School. Any grade received from another institution will not be figured in the quality point average.

After a student has been admitted to the Graduate School, he or she must request prior approval from the Dean and the student's advisor for any course to be taken at another institution and transferred back to Queens College. Forms are available in The Graduate School Office.

LEAVE OF ABSENCE

A graduate student may be granted a leave of absence for a number of semesters not to exceed one calendar year. A request for a leave of absence should be sent in writing to the Dean. If the student returns on the agreed upon date, he or she will reenter the program with the same status as held at the time the leave commenced. Students who do not obtain a formal leave of absence shall be considered withdrawn from the College and will have to re-apply to gain readmission.

TIME LIMIT

All graduate courses must be completed within five years of admission. A candidate required to take preparation courses or remedial work must finish both preparation and graduate work within seven years of admission.

GRADUATION REQUIREMENTS

A student may graduate only after meeting all of his or her special program requirements and completing that program's required course work with a quality point average of 3.0 or better in the graduate courses. No more than six extra hours (2 courses) may be taken for the purpose of increasing the student's QPA to the required level.

No course with an assigned grade below C may apply toward degree requirements. A student who has earned an F in a course may repeat that course once. The F will remain on the student's record in any case, but only the second grade for the course will be figured in the student's cumulative quality point average. Only one such course may be repeated.

Note: This is the only case in which a student may register to enroll in the same course twice unless the course is listed "May be repeated for credit."

VARIATIONS IN DEGREE REQUIREMENTS

Any change in degree requirements must be approved by the Vice President for Academic Affairs.

GRADUATE DEGREE PROGRAMS

MASTER OF BUSINESS ADMINISTRATION

The purpose of the Master of Business Administration program is to prepare students to become knowledgeable and effective general managers and administrators with high standards of ethical and social responsibility. The curriculum stresses the interaction of the functional areas of business within the broader social and governmental context.

The Master of Business Administration curriculum has a high proportion of specifically required courses. The program has been structured to ensure standardization of exposure to specific area techniques, experiences and information. The courses represent the core of essentials for preparation of today's manager. The curriculum indicates an absence of alliance with one of the other polar viewpoints on what constitutes the appropriate emphasis in Master of Business Administration curricula. Instead, the Queens course of study draws from both points of departure; that is, the curriculum offers a blend of adhering strongly to the objective of educating in the common core of managerial skills while at the same time paying allegiance to the realities of required literary and competency in the functional areas of business.

PREREQUISITES

The content of the Master of Business Administration program begins with prerequisite courses. The student should be able to provide evidence of adequate preparation in economics, accounting, statistics, mathematics, computer skills, communications skills, and the functional areas of business administration. The student may be required to take up to 27 hours in specified preparation courses to ensure an adequate foundation:

BUS 110 Personal Computers for Information Management
BUS 333 Principles of Management
BUS 340 Marketing
BUS 360 Corporate Finance
BUS 501 Survey of Accounting or BUS 207 and BUS 208
ECO 501 Survey of Economics or ECO 203 and ECO 204
MAT 206 Statistical Methods

Some prerequisites may be waived, or substitutions approved, based upon an evaluation of transcripts, professional and work experience, satisfactory scores on approved subject level tests of the College Level Examination Program (CLEP), or satisfactory scores on validation exams administered by the College.

DEGREE REQUIREMENTS

The degree course requirements include a total of 11 three-hour graduate courses (33 hours). Nine courses are specifically required with the remaining two being electives. Business Policy and Society, BUS 550, the capstone course, is the final course in the program.

Required Courses

ECO 515	Macroeconomic Theory
ECO 516	Economics of the Firm
BUS 510	Organizational Behavior
BUS 512	Legal and Regulatory Environment
BUS 520	Managerial and Financial Accounting
BUS 521	Financial Management
BUS 530	Marketing Strategy
BUS 535	Quantitative Methods
BUS 550	Business Policy and Society

Elective Courses (choose two)

BUS 511	Written and Oral Communications
BUS 518	International Business
BUS 525	Specialized Topics in Business
BUS 536	Production Management
BUS 540	Research in Business
BUS 545	Investment Analysis

PROPOSED SCHEDULES

When planning a course of study, students should be aware of the following information concerning course offerings. Ordinarily the required courses for the MBA program are grouped and offered on an alternating semester basis. Thus, BUS 510, 520, 521 and ECO 516 are offered in one semester and BUS 512, 530, 535 and ECO 515 are offered in the next semester. The courses are rotated in this manner through Fall, Spring, and Summer Terms. Two electives and BUS 550 are offered each semester.

The following are proposed schedules for the next two academic years. The class schedule for a given semester is subject to additions and cancellations. Please check the most recent schedule prior to registration to insure accurate information.

	Fall 1988
ECO 516	Economics of the Firm
BUS 510	Organizational Behavior
BUS 520	Managerial Accounting
BUS 521	Financial Management
BUS 550	Business Policy
	Elective
	Elective

	Fall 1989
ECO 515	Macroeconomics Theory
BUS 512	Legal and Regulatory
BUS 530	Marketing Strategy
BUS 535	Quantitative Methods
BUS 550	Business Policy
	Elective
	Elective

Spring 1989

ECO 515	Macroeconomic Theory
BUS 512	Legal and Regulatory
BUS 530	Marketing Strategy
BUS 535	Quantitative Methods
BUS 550	Business Policy
	Elective
	Elective

Summer 1989

ECO 516	Economics of the Firm
BUS 510	Organizational Behavior
BUS 520	Managerial Accounting
BUS 521	Financial Management
BUS 550	Business Policy
	Elective
	Elective

Spring 1990

ECO 516	Economics of the Firm
BUS 510	Organizational Behavior
BUS 520	Managerial Accounting
BUS 521	Financial Management
BUS 550	Business Policy
	Elective
	Elective

Summer 1990

ECO 515	Macroeconomic Theory
BUS 512	Legal and Regulatory
BUS 530	Marketing Strategy
BUS 535	Quantitative Methods
BUS 550	Business Policy
	Elective
	Elective

SUGGESTED COURSE SEQUENCES

One of the following sequences of courses is recommended. These sequences are based on the normal scheduling of courses as described on the previous page. Courses are rotated on a regular, planned basis. See Proposed Schedules for further information.

Sequence One

First Semester

ECO 516	Economics of the Firm
BUS 520	Managerial Accounting

Second Semester

ECO 515	Macroeconomics
BUS 535	Quantitative Methods

Third Semester

BUS 510	Organizational Behavior (or Elective)
BUS 521	Financial Management

Fourth Semester

BUS 512	Legal and Regulatory
BUS 530	Marketing Strategy

Fifth Semester

	Elective OR
BUS 510	Organizational Behavior
	Elective

Sixth Semester

BUS 550	Business Policy

Sequence Two

First Semester

ECO 515	Macroeconomics
BUS 512	Legal and Regulatory

Second Semester

ECO 516	Economics of the Firm
BUS 520	Managerial Accounting

Third Semester

BUS 535	Quantitative Methods
	Elective

Fourth Semeter

BUS 501	Organizational Behavior
BUS 521	Financial Management

Fifth Semester

BUS 530	Marketing Strategy
	Elective

Sixth Semester

BUS 550	Business Policy

MASTER OF EDUCATION

The Master of Education degree is designed to prepare classroom teachers in grades four through nine to meet the ever increasing challenges facing them. The education programs of the Graduate School are dedicated to quality education for all students, knowing that the future of America depends on what happens in today's classrooms.

Graduate certification has been approved by the North Carolina Department of Public Instruction for those completing these degree programs. The programs reflect the action of the North Carolina State Board of Education which divided the former intermediate certificate into two certificates: Intermediate Grades (4-6) and Middle Grades (6-9).

PREREQUISITES

An applicant who does not hold a North Carolina "A" certificate or equivalent may apply for admission with preliminary graduate status only. A program can be designed with MEd advisor to fulfill "A" certificate requirements in conjunction with MEd requirements.

Transcripts will be evaluated to determine the student's placement in the academic program.

DEGREE REQUIREMENTS

Any preparatory requirements must have been met. Each degree candidate must complete the course requirements for either an intermediate Grades Education program or a Middle Grades Education program. Both the Intermediate Grades Education degree program and Middle Grades Education degree program consist of 36 hours of graduate credit (12 courses).

A comprehensive oral examination is given by the student's advisor or major concentration professor and one additional professor of the student's choice after the 36 hours are completed.

A student who is seeking a Master's degree, inclusive of G-level certification in an area or grade level other than that of initial certification or teaching experience will, in consultation with his/her advisor, plan an appropriate internship.

The programs are structured so that a student may complete the degree within two calendar year.

PROPOSED SCHEDULES

FALL

EDU 521	Reading in Intermediate and Middle Grades
EDU 524	Diagnosis and Correction of Reading Difficulties
EDU 502	Advanced Developmental Psychology
MTE 521	Foundations of Mathematics
MTE 523	Problem Solving from an Historical Perspective
	Elective

SPRING

EDU 522	Writing and Other Language Arts
EDU 503	Educational Research and Evaluation
EDU 501	Psychology of Learning
EDU 529	Practicum in Teaching Reading and Writing
MTE 526	Geometry for Teachers
MTE 529	Practicum in Teaching Mathematics

SUMMER

EDU 523	Studies in Linguistics
EDU 599	Seminar in Curriculum and Instruction
MTE 522	Introduction to Computing for Teachers
MTE 524	Concepts in Data Analysis
	Elective
	Elective

INTERMEDIATE GRADES EDUCATION PROGRAM

The Master of Education (Intermediate Grades Program) is designed to assure competency in the curriculum areas necessary for teaching grades 4 through 6. The program is competency-based so that it allows for flexibility.

Required courses are:

EDU 501	Psychology of Learning
EDU 502	Advanced Developmental Psychology
EDU 503	Educational Research and Evaluation
EDU 521	Reading in International and Middle Grades
EDU 599	Seminar in Curriculum and Instruction
MTE 521	Foundations of Mathematics

In addition, 6 courses are to be elected or prescribed in accordance with the student's needs and interests to ensure compliance with certification competencies.

MIDDLE GRADES EDUCATION PROGRAM

The program in Middle Grades Education is designed for grades 6 through 9 to bridge the general intermediate educational experience and the more highly specialized secondary curriculum.

This program offers the teacher a choice of concentrations: mathematics and reading and writing. Each of these concentrations includes 5 courses (15 hours) of substantive content. In addition to the areas of concentration, there is a core requirement of 4 courses (12 hours). The remaining 3 courses are to be elected or prescribed in accordance with the student's needs and interests to ensure compliance with certification competencies.

Required core courses are:

EDU 501	Psychology of Learning
EDU 502	Advanced Developmental Psychology
EDU 503	Educational Research and Evaluation
EDU 599	Seminar in Curriculum and Instruction

Plus five courses chosen from one of the concentrations shown below.

The MATHEMATICS Concentration has two purposes. The first purpose is to provide a new look at familiar classical mathematics. This look will focus on development a historical perspective, exploring a more sophisticated level of abstraction, and discussing mathematical understanding in terms of cognitive development. The second purpose is to address the current need of understanding new technology and its role in the mathematical curriculum.

Courses required for the MATHEMATICS concentration:
(Choose 5)

MTE 521	Foundations of Mathematics
MTE 522	Introduction to Computing for Teachers
MTE 523	Problem Solving from an Historical Perspective
MTE 524	Concepts in Data Analysis
MTE 526	Geometry for Teachers
MTE 529	Practicum in Teaching Mathematics

The READING AND WRITING Concentration encompasses all aspects of mastering language at the middle school level. From a sound theoretical base, teachers will learn new and more effective ways to develop the students' reading and writing proficiency.

Courses required for the READING AND WRITING concentration:
(Choose 5)

EDU 521	Reading in Intermediate and Middle Grades
EDU 522	Writing and Other Language Arts
EDU 523	Studies in Linguistics
EDU 524	Diagnosis and Correction of Reading Difficulties
EDU 526	Adolescent Literature
EDU 529	Practicum in Teaching Reading and Writing

MASTER OF NURSING ADMINISTRATION

Queens College will begin a formal graduate program in Nursing Administration in the Fall Term 1988. This program will provide an opportunity for obtaining a Masters degree in Nursing Administration and/or an Advanced Business Certificate. The program will enable graduates to function as effective administrators and members of the interdisciplinary health management team by preparing them to plan, design, manage, and evaluate nursing and health practice programs and resources within a variety of settings.

ADMISSION

Individuals seeking admission to the Masters in Nursing Administration must first apply to and be accepted by The Graduate School at Queens College. Admission to The Graduate School Queens College does not guarantee entrance into the MNA Program. The following criteria are required for admission to the MNA Program.

1. Undergraduate degree from an accredited 4 year college.
2. Minimum grade point average of 2.5 on a 4.0 scale in all previous college work.
3. Satisfactory score on GRE or GMAT.
4. Minimum 2 years nursing experience within the last 5 years.
5. Licensure for practice as a Registered Nurse.
6. Two references written by nursing colleagues and/or supervisors who are able to evaluate nursing practice performance.
7. Interview with nursing faculty member.

A formal application to the Master of Nursing Administration Program should be made no later than August 15 for intended enrollment in the Fall no later than January 15 for intended enrollment in the Spring, and no later than April 15 for the summer term. A completed application form, proof of licensure, transcripts of previous college work, letters of recommendation, and test scores should be submitted to the Graduate Committee for Admission and Placement in Nursing for their review and decision prior to enrolling in any graduate nursing courses.

PREREQUISITES

The student may be required to take the following specified preparation courses to ensure an adequate foundation for graduate study:

BUS 110	Personal Computers for Information Management
BUS 333	Principles of Management
BUS 501	Survey of Accounting, or BUS 207 and BUS 208
ECO501	Survey of Economics, or ECO 203 and ECO 204
MAT 206	Statistical Methods
NUR 400	Nursing Research (or its equivalent)
NUR 470	Community Systems (For NON BSN students only)

NLN PROFILE II EXAMS (FOR NON BSN STUDENTS ONLY)

Some prerequisites may be waived, or substitutions approved, based upon an evaluation of transcripts, professional and work experience, satisfactory scores on approved subject level tests of the College Level Examination Program (CLEP), or satisfactory scores on validation exams administered by the college.

DEGREE REQUIREMENTS

The Master of Nursing Administration will consist of 38 semester hours of graduate credit, exclusive of prerequisites. A business core of 9 semester hours and a nursing core of 20 semester hours will be required plus nine credit hours taken in electives and thesis or non-thesis options.

Required Courses

BUS 505	Financial Management for Non Profit Organizations
BUS 510	Organizational Behavior
BUS 512	Legal and Regulatory Environment
NUR 515	Theoretical Foundations in Nursing
NUR 520	Health Care Policy and Delivery Systems

NUR 522 Research in Nursing
NUR 530 Nursing Administration
NUR 535 Nursing Administration Practicum I
NUR 536 Nursing Administration Practicum II
NUR 550 The Nurse Administrator and Clinical Nursing

THESIS OPTION

NUR 597 Thesis Preparation Seminar
NUR 598 Data Collection Seminar
NUR 599 Research Analysis Seminar
Elective - 3 credit hours chosen from:
BUS 511 Written and Oral Communications
BUS 525 Topics in Business Administration
NUR 592 Independent Study

NON-THESIS OPTION

NUR 592 Independent Study
Electives - 6 credit hours chosen from:
NUR 525 Specialized Topics in Nursing
NUR 592 Independent Study Communication
BUS 525 Specialized Topics in Business

PROPOSED SCHEDULES

These schedules are subject to modification:

Fall 1988

NUR 515 Theoretical Foundations in Nursing
BUS 510 Organizational Behavior

Spring 1989

BUS 512 Legal and Regulatory Environment
NUR 522 Research in Nursing

Summer 1989

BUS 505 Financial Management for Non-Profit Organizations
BUS 510 Organizational Behavior
NUR 520 Health Care Policy and Delivery System

Fall 1989

BUS 512 Legal and Regulatory Environment
NUR 515 Theoretical Foundations in Nursing
NUR 530 Nursing Administration
NUR 535 Nursing Administration Practicum I
NUR 597 Thesis Preparation Seminar
NUR 592 Independent Study

Spring 1990

BUS 510 Organizational Behavior
BUS 511 Written and Oral Communication
BUS 525 Specialized Topics in Business
NUR 522 Research in Nursing
NUR 525 Specialized Topics in Nursing
NUR 535 Nursing Administration Practicum I
NUR 598 Data Collection Seminar

Summer 1990

BUS 512 Legal and Regulatory Environment
BUS 525 Specialized Topics in Business
NUR 525 Specialized Topics in Nursing
NUR 550 The Nurse Administrator and Clinical Nursing
NUR 599 Research Analysis Seminar

SUGGESTED COURSE SEQUENCES

Year One For Both Thesis and Non-Thesis Options

First Semester
BUS 510 Organizational Behavior
NUR 515 Theoretical Foundations in Nursing

Second Semester
BUS 512 Legal and Regulatory Environment
NUR 522 Research in Nursing

Third Semester
BUS 505 Financial Management for NonProfit Organizations
NUR 520 Health Care Policy and Delivery Systems

For Thesis Option

Year Two: First Semester
NUR 530 Nursing Administration
NUR 535 Nursing Administration Practicum I
NUR 597 Thesis Preparation Seminar

Year Two: Second Semester
NUR 536 Nursing Administration Practicum II
NUR 598 Data Collection Seminar
Approved Elective

Year Two: Third Semester
NUR 599 Research Analysis Seminar
NUR 550 The Nurse Administrator and Clinical Nursing

For Non-Thesis Option

Year Two: First Semester
NUR 530 Nursing Administration
NUR 535 Nursing Administration Practicum I
NUR 592 Independent Study

Year Two: Second Semester
NUR 536 Nursing Administration Practicum II
Approved Elective

Year Two: Third Semester
NUR 550 The Nurse Administrator and Clinical Nursing
Approved Elective

ADVANCED BUSINESS CERTIFICATE

The Advanced Business Certificate will require completion of all the prerequisites for the MNA or their equivalents plus the 9 hours of graduate business courses required for the MNA.

Prerequisites:
BUS 110 Personal Computers for Information Management
BUS 333 Principles of Management
BUS 501 Survey of Accounting or BUS 207 and BUS 208
ECO 501 Survey of Economics or ECO 203 and ECO 204
MAT 206 Statistical Methods
NUR 400 Nursing Research
NUR 470 Community Systems

Graduate Courses:
BUS 505 Financial Management for Non Profit Organizations
BUS 510 Organizational Behavior
BUS 512 Legal and Regulatory Environment

Graduate Course Descriptions

Business Administration

BUS 501 Survey of Accounting **3 Hrs.**
Introductory survey of accounting principles, including transaction analysis, preparation of accounting records; income statement analysis; balance sheet analysis; use of accounting information in managerial problem solving. Designed solely as an MBA or MNA prerequisite course. This course may not be used as credit toward an undergraduate degree. Graded on pass/no record basis. Pass = B or better.

Prerequisites: A bachelor's degree.

BUS 505 Financial Management for Non-Profit Organizations **3 Hrs.**
The focus of this course is financial decision making in not-for-profit health care institutions. Topics include budgeting and financial control, relationships with financial markets, and legal issues pertaining to health care financing and management.

BUS 510 Organizational Behavior **3 Hrs.**
A study of organizations and their environment as well as the social and psychological foundations necessary to an understanding of human behavior within complex organizations. Topics covered include group and inter-group behavior, leadership styles, organizational structures, and the decision making process.

Prerequisites: BUS 333 or 321.

BUS 511 Written and Oral Communications for the Professions **3 Hrs.**
This course is designed to increase and maximize communication ability and skills required for the professional manager. Includes instruction in written and oral presentations and reports as well as extensive practice in both mediums including oral presentations and at least two 500-word papers. Where possible, speakers from business and industry will be invited to discuss problems encountered in management and executive level communications.

BUS 512 Legal and Regulatory Environment **3 Hrs.**
A survey course which encompasses a study of the statutes and regulations that govern interactions among businesses as well as the relationship of business to governmental bodies and consumers. Some of the topics covered include contracts, agency, partnerships, corporations, property, sales, commercial paper, bankruptcy, anti-trust, and government regulation of business.

Suggested prerequisite: BUS 305.

BUS 518 International Business **3 Hrs.**
The study of profit-oriented business relationships conducted across national boundaries. This course incorporates a combination of basic disciplines and functional areas focusing on problems and opportunities involved when the firm makes the decision to begin international operations. Topics presented include international trade theory, direct foreign investment, foreign exchange, the international payments system, financial markets for international operation, taxation, government influence on trade, and international marketing.

Prerequisite: ECO 515.

BUS 520 Managerial and Financial Accounting **3 Hrs.**
Examines the ways in which accounting enables managers to operate effectively through the use of analysis and information as the foundation for managerial decision making. Topics include an analysis of corporate annual reports, cost-volume-profit relationships, cost behavior patterns, flexible budgets and standards for control, relevant costs, capital budgeting, and the impact of taxes on management planning.

Prerequisites: BUS 207 and 208 or BUS 501

BUS 521 Financial Management **3 Hrs.**
Examines the financial function and how it relates to other functions of the business firm including how financial decisions can further the basic enterprise's goal of wealth maximization. The student will explore in depth controversial conceptual problems. This course focuses on the various concepts for manager decision making under uncertainty, optimum financial structure, cost of capital, and asset management.

Prerequisites: BUS 360 and 520.

BUS 525 Specialized Topics in Business **3 Hrs.**
Topics to be announced for each semester offered. Possible offerings include: Corporate Tax Considerations; Estate Planning and Administration; International Economics; New Venture Strategies; Organizational Development; and Strategic Planning.

BUS 530 Marketing Strategy **3 Hrs.**
This course is designed to acquaint the student with the dynamic nature of the relationship between the consumer, the demand for goods and services, and the environment. The main point of emphasis is that marketing is a total system of business action rather than a fragmented assortment of functions and institutions. The structure of the course is the case approach which requires the student to use principles of marketing in the analysis of business problems.

Prerequisite: BUS 340.

BUS 535 Quantitative Methods **3 Hrs.**
This course develops a generalized framework useful in investigating all types of decision problems. The study includes various quantitative methods appropriate to an analysis of these types of problems. Methods include decision trees, linear programming, transportation and assignment problems, inventory control, queuing theory, simulation, PERT-CPM, and game theory.

Prerequisites: MAT 206 and ECO 516.

BUS 536 Production Management **3 Hrs.**
Designed to teach the student to manage the operating systems of organizations. Topics included are process selection, facilities planning, operations planning, operations control, and technological changes.

Prerequisites: MAT 206 and BUS 535.

BUS 540 Research in Business **3 Hrs.**
This course requires the executive of a research project in an area related to the content of the MBA program. This course is open only to students who have completed all the required courses for the MBA except BUS 550, Business Policy.

Permission of the instructor and of the MBA Coordinator is required. An outline of the proposed research project must be completed and approved before a student may register for the course.

Prerequisites: Consent of MBA Coordinator and approval of the Dean

BUS 545 Investment Analysis and Portfolio Management 3 Hrs.
This course includes the study of capital market theory, the balance between risk and return, rates of return required by investors and the study of betas in the capital asset pricing model, all examined from the viewpoint of the private investor.

Prerequisite: BUS 521.

BUS 550 Business Policy and Society 3 Hrs.
A study of the policy making and administrative, ethical problems that must be faced in a private-enterprise society. The emphasis of the course is on the strategic planning necessary for an organization to define and achieve its overall objectives. Cases include problems in which economic, moral, personal, social, and political factors are involved. A major theoretical or practical project is required. The final exam of the course is comprehensive and is designed to evaluate overall synthesis of content of the Master of Business Administration eleven courses sequence. The capstone course may not be transferred from another institution.

Prerequisites: All required Master of Business Administration courses.

Economics

ECO 501 Survey of Economics 3 Hrs.
Introductory survey of the principles of macroeconomics and microeconomics, national income theory; banking and money; markets and price theory; production and factor markets; income distribution; international trade. Designed solely as an MBA or MNA prerequisite course. May not be used as credit toward an undergraduate degree. Graded on pass/no record basis. Pass = B or better.

Prerequisite: A bachelor's degree.

ECO 515 Macroeconomic Theory 3 Hrs.
The study of how goods and services are produced and distributed including an examination of economic policy and an analysis of how it affects the performance of the economic system. This course will explore the topics of national income and employment; market, the price system, and the allocation of resources; the distribution of income; the public sector; and the international economy.

Prerequisites: ECO 203 or ECO 501

ECO 516 Economics of the Firm 3 Hrs.
The application of microeconomic theory to managerial decision making to answer basic resource allocation questions. The course is designed to provide the student with an ability to view resource allocation problems within a constrained optimization framework. Included are price and output decisions of the firm under various market conditions such as pure competition, monopoly, oligopoly, and monopolistic competition.

Prerequisites: ECO 204 or ECO 501

Education

EDU 501 Psychology of Learning 3 Hrs.
Investigation of various processes and principles of learning and their application to the teaching-learning situation. Focus will be on classical, operant and cognitive learning.

EDU 502 Advanced Developmental Psychology 3 Hrs.
A study of theoretical and experimental literature related to the personal, social, cognitive, and physical aspects of development. Special emphasis on the middle-intermediate school aged child.

EDU 503 Educational Research and Evaluation 3 Hrs.
Consideration of the various techniques used in educational research. Emphasis will be placed upon critical analysis of research designs, statistical procedures, and interpretation of the data.

EDU 511 Sociology of Contemporary Education 3 Hrs.
A general survey of the relationships between education and other major societal subsystems, treated in historical and comparative perspectives.

EDU 512 History and Philosophy of Education 3 Hrs.
Evaluation of twentieth century educational practices from historical and philosophical perspective.

EDU 521 Reading in Intermediate & Middle Grades 3 Hrs.
Study of the reading process and its relationship to language, learning, and thought. Emphasis will be placed on examining newer techniques, materials, and practices and implementing them in the middle and intermediate grades.

EDU 522 Writing and Other Language Arts 3 Hrs.
Study of the interrelationship of the language arts. Emphasis on developing competencies and confidence in communication skills, particularly composition.

EDU 523 Studies in Linguistics 3 Hrs.
Studies of the main tenets of structural linguistics and transformational grammar with some attention to the relation between in linguistic theories and older theories about language.

EDU 524 Diagnosis and Correction of Reading Difficulties 3 Hrs.
Examination of the cause and diagnosis of reading difficulties and methods and materials of instruction. Practical application with individuals or small groups will be required.

Prerequisites: EDU 521 or permission of the instructor.

EDU 526 Adolescent Literature 3 Hrs.
A study of the literature for adolescents with emphasis on intermediate and middle school grade materials. Consideration will be given to genres and sub-genres; background and development; appropriateness to cognitive, emotional and psychological development; selection of works and incorporation into the classroom.

EDU 529 Practicum in Teaching Reading and Writing 3 Hrs.
This course is designed to be the culminating course for students concentrating in reading and writing. Students will develop a major independent practicum project that will draw on the content and theoretical aspects of completed coursework and allow this to be translated into practical classroom application.

EDU 531 Biological Sciences for Teachers 3 Hrs.
Emphasis on process approach to teaching biological sciences as well as understanding scientific concepts appropriate for intermediate or middle grade students.

EDU 532 Physical and Earth Sciences for Teachers 3 Hrs.
Emphasis on process approach to teaching physical and earth sciences as well as understanding scientific concepts appropriate for intermediate or middle grade students.

EDU 540 Social Studies for Teachers 3 Hrs.
Designed to help teachers develop a special studies curriculum which encompasses recent research and methodology developments.

EDU 550 Health and P.E. 3 Hrs.
A survey course in curriculum, methods, and content of health and physical education.

EDU 560 Audiovisual Methods and Materials 3 Hrs.
An introductory course in selection, use, and care of audiovisual equipment and the production of educational materials. Includes a study of the basic theoretical concepts relating to mass communications and visual literacy.

EDU 570 Educational Testing 3 Hrs.
Basic concepts and principles of evaluation. Both standardized and teacher-made tests will be considered.

EDU 590 Topics in intermediate and Middle Grades Education 3 Hrs.
Intensive consideration of a topic in education related to students in grades 4-9. The topic for the course will vary from term to term.

EDU 592 Directed Individual Study 1-3 Hrs.
Independent reading and investigation of the literature relevant to a specific topic or area of education.

EDU 594 Teaching Practicum 4-6 Hrs.
This course is designed for the student who is seeking a Master's degree in an area or grade level other than that of initial certification. P/F.

EDU 599 Seminar in Curriculum and Instruction 3 Hrs.
In-depth study of selected problem areas in intermediate school curriculum and instruction.

Mathematics Education

MTE 521 Foundations of Mathematics 3 Hrs.
The development of the number system studied in parallel with a child's cognitive

development. The course stresses "hands-on" approach to mathematics with applications from the sciences and related areas.

MTE 522 Introduction to Computing for Teachers **3 Hrs.**
An introduction to computers and how they work. A survey of computer applications in society and the "classic" applications of computers in education. Students will be introduced to LOGO and receive some instruction in reading programs.

MTE 523 Problem Solving from an Historical Perspective **3 Hrs.**
Study of the history of mathematics from the problem solving perspective. Topics to be covered are problem solving techniques, logical reasoning, and mathematical proofs.

MTE 524 Concepts of Data Analysis **3 Hrs.**
Provides an understanding of the concepts of presentation and analysis of data. This will include elementary statistics and probability, graphs, charts, and data descriptions.

MTE 526 Geometry for Teachers **3 Hrs.**
This course includes topics from both informal geometry; similarity, congruence, mensuration, graphing, geometrical constructions; and formal geometry; axiomatrics and formal proofs in Euclidean geometry. Methods of introducing these concepts into the mathematics curriculum K-9 are discussed.

MTE 529 Practicum in Teaching Mathematics **3 Hrs.**
This course is designed to be the culminating course for students concentrating in mathematics. Students will develop a major independent practicum project that will draw on the content and theoretical aspects of completed coursework and allow this to be translated into practical classroom application.

Nursing

NUR 515 Theoretical Foundations in Nursing **3 Hrs.**
This course provides an introduction to concept development, model building, and theoretical formulation in nursing. Critical analysis of current theories of nursing, related nursing research and selected theories from natural, behavioral and applied health sciences.

NUR 520 Health Care Policy and Delivery Systems **3 Hrs.**
This course examines the origins, functions and policy issues of the U.S. health care system. Course content includes public and private health care delivery systems, special problems of the health care market, sources and expenditures of private and governmental insurance programs including comprehensive national health care proposals. Issues to be addressed may include: DRG's, third party reimbursement, etc.

Prerequisite: ECO 501, BUS 512 or permission of instructor

NUR 522 Research in Nursing **3 HRS.**
Students in this course study research methods utilized in nursing and health. Understanding and applying the research process, evaluating nursing research studies and incorporating research methods into practice will be stressed.

Prerequisites: NUR 400 and MAT 206

NUR 525 Specialized Topics in Nursing Administration 3 Hrs.
Topics to be announced for each semester offered. Possible offerings include: collective bargaining, measurement of quality of care, patient classification systems, risk management, budgeting in health care settings, staff development, nursing administration roles, administration of nursing care services in selected official and voluntary health and human service agencies.

NUR 530 Nursing Administration 3 Hrs.
This is a survey course designed to introduce students to nursing administrator roles and functions. Issues involving recruitment, personnel management, wage and salary administration, labor relations, staff development, budgeting and quality assurance will be explored.

Prerequisite: BUS 510 or permission of instructor.

NUR 535 Nursing Administration Practicum I 2 Hrs.
This course will provide practice opportunities for students to integrate theory with the administrative role. Students will be able to explore various aspects of organization and administration of nursing under the guidance of a preceptor. Issues to be discussed and analyzed include: staffing patterns, budgeting, recruitment and employee evaluation. (1 hour of seminar, 6 hours of practicum per week)

Prerequisite or corequisite: NUR 530

NUR 536 Nursing Administration Practicum II 2 Hrs.
During this practicum students will analyze, interpret and evaluate the overall function of the organization and its impact in the role of the nurse administrator. Issues addressed will include organizational effectiveness, measurement of quality or care and risk management. (1 hour of seminar, 6 hours of practicum per week)

Prerequisite or corequisite: NUR 530

NUR 550 The Nurse Administrator and Clinical Nursing 4 Hrs.
The focus of this course will be on current and future trends in clinical nursing and the nurse administrator's response to change in order to insure quality of care. (2 hours of seminar, 4 hours of practicum per week)

Prerequisite or corequisite: NUR 530

NUR 592 Independent Study 1,2,3 Hrs.
Plans must be submitted in advance of registration on a form obtained from the Graduate School. The student must meet with the faculty member to establish goals, objectives and the number of credits for the study. Evaluation will be based on a paper and oral presentation. May be repeated for credit, but no more than 9 credit hours will apply toward the degree.

NUR 597 Thesis Preparation Seminar 2 Hrs.
This seminar is designed to assist students in the preparation of a research proposal. Emphasis will be placed on development of a conceptual framework, statement of problem and the appropriate method of inquiry and analysis of the research question. Students will be assigned a faculty supervisor according to research interest. The faculty member will guide the student in development of the research proposal. Weekly seminars or individual conferences will be held

during the semester. Upon conclusion of the seminar, students will complete a research proposal.

Prerequisite: NUR 522

NUR 598 Research Implementation Seminar **2 Hrs.**
This seminar will assist the student in implementation of the research proposal. Data collection, data entry and statistical analysis will be addressed.

Prerequisite: NUR 597

NUR 599 Research Analysis Seminar **2 Hrs.**
This seminar will assist the student in the final stages of thesis preparation. Analysis of data, conclusion and recommendations will be addressed.

Prerequisite: NUR 598

BUSINESS ADVISORY COUNCIL

The Business Advisory Council (BAC) was established in the spring of 1978. The purpose of the Council is to aid in strengthening, evaluating, and planning the Business Administration programs at Queens College.

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DISTINGUISHED EXECUTIVE LECTURERS

In order for the students to benefit from the unique and valuable experience of eminently successful chief executive officers and entrepreneurial business leaders, Distinguished Executive Lecturers are named annually for the Master of Business Administration Program. Appointed for a two-year term, the Distinguished Executives lecture in graduate classes. The breadth of the education and experience of these lecturers is extensive. Their unifying theme is their indisputable practical success and expertise.

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B.S. Appalachian State University; M.A., Ph.D Ohio State University
Adele Hagood-Hastings .... *Director of Career Center*
A.B. University of North Carolina at Chapel Hill; M.Ed. University of North Carolina at Charlotte; Ph.D. Duke University

Cynthia C. Teate .... *Marketing Director, Queens Compute*
B.A. University of North Carolina at Charlotte

OFFICE OF ENROLLMENT MANAGEMENT

David S. Cloniger .... *Vice President*
B.A. University of North Carolina at Chapel Hill; M.Div. Duke University; Ph.D. Emory University

Ann K. Murphy .... *Director of Financial Aid*
B.A., Randolph-Macon Woman's College

Julia R. Rothchild .... *Assistant Director of Admissions*
B.A. Queens College

Katie M. Wireman .... *Assistant Director of Admissions*
A.B.A. Georgetown College; M.A. Peabody College of Vanderbilt University

OFFICE OF DEVELOPMENT

Alan W. Lee .... *Vice President*
B.A. Washington and Lee University; M.Ed. University of North Carolina at Charlotte

Adelaide A. Davis .... *Director of Alumni Affairs*
B.A. Queens College

Linda L. Love .... *Director of Annual Support*
B.A. University of North Carolina at Chapel Hill

Ann M. Matthews .... *Director of News Services*
B.A. University of North Carolina at Chapel Hill

OFFICE OF FINANCE AND PLANNING

Dennis W. Frodsham .... *Vice President*
B.A. Princeton University; M.B.A. University of Chicago

Richard H. Ault .... *Director of Computer Center*
B.S.E.E. University of Miami; M.S., Ph.D. California Institute of Technology

Laurie S. Guy .... *Treasurer and Business Manager*
B.S. University of North Carolina at Greensboro

Rita S. Mabes .... *Assistant Business Manager*
B.M. Queens College

Jeannette Manning .... *Assistant Treasuerer*
B.S. Clemson University; B.A. University of North Carolina at Charlotte, Certified Public Accountant (CPA)

Lee E. Roseboro .... *Assistant to the Vice President*
A.A. Central Piedmont Community College; B.S. Limestone College

Raymond H. Thrower, Jr. .... *Director of Public Safety*
B.A. Sacred Heart College

David Zeeso .... *Physical Plant Director*
B.S.E.E. Illinois Institute of Technology; M.A. Columbia University

Faculty

Date following name and title indicates year of appointment.

*Part-Time

Judith Abner .... *Assistant Professor of Music and Administrative Librarian 1985*
B.A., Limestone College; M.L.S., Rutgers University

Christine L. Allegretti .... *Associate Professor of Psychology 1985*
B.A., M.A., Ph.D., University of Arkansas

*Michele J. V. Allen .... *Lecturer in Physical Education 1986*
B.S., State University College at Brockport; M.A., New York University

Richard H. Ault .... *Assistant Professor of Mathematics and Computer Science and Director of Computer Center 1982*
B.S.E.E., University of Miami; M.S., Ph.D., California Institute of Technology

Ronald J. Basini .... *Associate Professor of Business 1977*
B.S., M.B.A., Murry State University

*Anthony T. Bass .... *Lecturer in Psychology 1986*
B.A., University of North Carolina, M.A., Northern Arizona University

*Carol T. Bender .... *Lecturer in Religion 1985*
B.A., Winthrop College; M.Div., Erskine Theological Seminary

*Daniel C. Biber .... *Associate Professor of Psychology 1976*
B.A., Columbia University; Ph.D., University of North Carolina at Chapel Hill

Carol Boggs .... *Assistant Professor of Sociology 1981*
B.A., Asbury College; M.Ed., Ph.D., University of Maryland

*Jeanne Bohn .... *Lecturer in Communications 1988*
B.A., Knox College

*Cathy Smith Bowers .... *Lecturer in English 1983*
B.A., M.A.T., Winthrop College

Contance Rhyne Bray .... *Instructor of Music 1984*
B.M., Wittenberg University; M.M., Florida State University

Marbury H. Brown .... *Associate Professor of Art 1982*

*Christine Campbell .... *Lecturer in Art 1984*
B.F.A., Ohio Wesleyan University; M.F.A., Western Michigan University

Marilyn Carter .... *Lecturer in English 1987*
B.S.A., University of Arizona; M.F.A., Yale School of Drama

Patricia A. Cash .... *Lecturer in Nursing 1987*
B.S., Doctor of Pharmacy, Purdue University

Diane M. W. Castle .... *Assistant Professor of Foreign Languages (French) 1983*
A.B., King College; M.A., Ph.D., University of North Carolina at Chapel Hill

*Brian Patrick Cawley .... *Lecuter in Business 1983*
B.S., M.E., Rensselaer Polytechnic

*John Milton Childress, II .... *Lecturer in Business 1984*
B.S., University of Tennessee; M.B.A., Universtiy of Virginia

Florapearl Cobey .... *Associate Professor of Chemistry 1976*
B.S., University of Tennessee at Chattanooga; Ph.D, Duke University

Alexander H. Coffin, Jr. .... *Lecturer in Business 1988*
A.B., University of North Carolina at Chapel Hill;

Richard F. Crown .... *Associate Professor of Art and Director of Watkins Gallery 1971*
B.A., New York University; M.A., Indiana University; M.F.A., University of Massachusetts

Mollie C. Davis .... *Professor of History 1972*
A.B., Hollins College; M.A.T. Emory University; Ph.D., University of Georgia

Joyce H. Deaton .... *Lecturer in Communications 1987*
B.A., Unviersity of North Carolina at Chapel Hill; M.A., Syracuse University

Suzanne M. Degni .... *Assistant Professor of Education 1984*
B.A., University of Central Florida; M.Ed., Florida Atlantic University

*David P. deLuca .... *Lecturer in Business 1986*
B.S., M.B.A., LaSalle University

*S. Wayne Eason .... *Lecturer in Business and English 1984*
B.A., B.C.A., University of North Carolina at Charlotte; M.A., Brown University

Jack H. Fehon .... *Dana Professor of Biology and Chairman of Division of Natural Science and Mathematics 1956*
B.A., M.S., University of Florida; Ph.D., Florida State University

Robert L. Finley .... *Professor of Business Administration and Economics 1981*
B.B.A., M.A., Ph.D., University of Oklahoma

Thomas M. Fleming .... *Lecturer in Business 1987*
A.B., Grove City College; M.B.A., University of Pittsburgh

*Harold J. Foley .... *Instructor in Business 1984*
B.A., North Carolina State University; B.S., University of North Carolina at Charlotte; M.B.A., Queens College

James W. Foster, Jr .... *Assistant Professor of Business 1982*
B.B.A., Siena College; J.D., Albany Law School; Certified Public Accountant (CPA)

*Steven G. Froneberger .... *Lecturer in Computer Science 1987*
B.S., North Carolina State University, M.B.A., University of North Carolina

Carlene H. Fulk .... *Assistant Professor of Nursing 1982*
B.S., Duke University; M.S.N., University of North Carolina at Chapel Hill

*Frye Gaillard .... *Writer-in-Residence 1981*
B.A., Vanderbilt University

Mary Jo Gilmer .... *Assistant Professor of Nursing 1984*
B.S.N., Michigan State University; M.S.N., University of Illnois

*Shirley Jackson Gilpin .... *Lecturer in Music 1984*
B.M., Hartt College of Music; M.M., Manhattan School of Music

Janice G. L. Ginger .... *Assistant Professor of Education and Director of Teacher Education Programs 1984*
B.A., Colorado Women's College; M.Ed., Ph.D., University of North Dakota

Richard Goode .... *Professor of English and Chairman of Division of Humanities 1978*
B.A., Washington and Lee University; M.A., Ph.D., University of Texas at Austin

*Georgia K. Green .... *Lecturer in Psychology 1987*
B.S., M.S., Ph.D., Old Dominion University

Charles O. Hadley .... *Dana Professor of English 1955*
A.B., Davidson College; M.A., University of North Carolina at Chapel Hill; Ph.D., University of Georgia

Jane H. Hadley .... *Assistant Professor of English 1981*
B.A., Incarnate Word College, M.F.A., University of Georgia

*Michael Hammond .... *Lecturer in Mathematics 1984*
B.S., Wake Forest University; M.Div., Southeastern Seminary; M.A., Winthrop College

Catherine A. Haselden .... *Assistant Professor of Business Administration 1984*
B.S., Clemson University; J.D., University of South Carolina

*Karen Hauersperger .... *Lecturer in Nursing 1981*
B.S., Iowa State University; M.S., Winthrop College

Irene W. Helms .... *Adjunct Clinical Preceptor, 1988*
A.D.N. Central Piedmont Community College; B.S.N. Queens College

*John Hilarides .... *Lecturer in Art 1984*
B.F.A., Ohio University

*Lynne Holsten .... *Lecturer in Business 1984*
B.A., M.B.A., Indiana University

*James C. Holway .... *Lecturer in Business 1987*
B.S., Ohio State University; M.B.A., Pennsylvania State University

Elizabeth S. Holtzclaw .... *Public Services Librarian 1985*
A.B., University of North Carolina at Chapel Hill; M.A., Appalachian State University; M.Ln., Emory University

*Susan Luck-Hooks .... *Lecturer in English 1983*
B.A., Queens College; M.A., University of North Carolina at Charlotte

Paul T. Hoying .... *Lecturer in Business 1987*
B.S., University of Dayton, J.D., The Ohio State University College of Law

Rebecca C. Jann .... *Associate Professor of Biology 1978*
B.A., Catawba College; Ph.D., Wake Forest University

*Donald C. Jessep, Jr. .... *Lecturer in Computer Science 1988*
B.S.E.E., M.S.E.E., Ph.D, University of Pittsburgh

Carolyn M. Jones .... *Advisor for Master of Nursing Administration Program*
Professor of Nursing and Chairman of the Division of Nursing 1980
B.S.N., Mount Saint Agnes College; M.S., in Nursing, University of Maryland; Ph.D., University of Manchester (England)

*Charles H. Kaplan .... *Lecturer in Psychology 1986*
B.A., Kent State University, M.A., M.Ed., Ph.D., Columbia University

*Rebecca Finley Kasparek .... *Lecturer in Education 1987*
B.S., University of South Carolina; M.A., University of Minnesota

*Deborah Kauffman .... *Lecturer in Music 1984*
B.F.A., State University of New York

Elizabeth Kimble .... *Assistant Professor of Music and Education,*
Director of Music Conservatory and
Director of Charlotte Children's Choir at Queens 1986
B.A., Queens College; M.M.Ed., Florida State University; Ed.D., University of Georgia

Randall R. Kincaid .... *Professor of Economics 1982*
B.A., Wofford College; M.A., Ph.D., Duke University

Marjorie T. Kirby .... *Z. Smith Reynolds Professor of*
Foreign Languages (Spanish) 1962
A.B., Birmingham-Southern College; M.A., Ph.D., University of North Carolina at Chapel Hill

*Anthony J. Kombol .... *Lecturer in Computer Science 1987*
B.S., University of Wisconsin; M.S.E.E., University of Iowa

Joseph E. Lammers .... *Professor of Music (Piano) and Chairman of Division of Fine Arts 1962*
B.Mus., University of Alabama; M.Mus., Ph.D., Florida State University

Sherry L. Laurent .... *Assistant Professor of Nursing 1982*
Diploma in Nursing Charity Hospital School of Nursing; B.A., LaVerne College; M.S.N., The Catholic University of American

*Thomas A. Lee .... *Lecturer in Mathematics 1984*
B.S., University of Wisconsin; M.B.A., University of North Carolina at Charlotte; Ph.D., University of Arizona

*Robert G. Littleson .... *Lecturer in Business 1987*
B.B.A., M.B.A., University of Michigan

Sandra R. Loehr .... *Assistant Professor of Education and Advisor for Master of Education Program 1984*
B.S., Ohio State University; M.A., Chicago Theological Seminary; Ed.M., Harvard University

*Nancy Lucas .... *Lecturer in Music 1979*
A.B., Limestone College; M.M., Converse College

Helen Macilwaine .... *Associate Professor of Nursing 1985*
B.A., University of Newcastle Upon Tyne; Ph.D., University of Manchester (England)

*Albert A. Maisto .... *Lecturer in Psychology 1984*
B.A., Murray State University; M.A., Ph.D., University of Alabama

Virginia L. Martin .... *Professor of Biology 1966*
B.S.,Wake Forest University; M.S., Ph.D., Emory University

Emory H. Mason, Jr. .... *Professor of Education and Registrar 1965*
A.B., Catawba College; M.A., Appalachian State University; Ed.D., Duke University

*Joseph A. Mayo .... *Lecturer in Psychology*
B.A., Bloomsburg University; M.A., Ed.D., West Virginia University

*Alisa J. McCain .... *Lecturer in Music 1984*
B.M.,Queens College; M.M., Peabody Conservatory of Music

Frances Jones McClain .... *Assistant Professor of Music 1983*
B.M., M.M., Michigan State University; M.Ed., Winthrop College

*Ralph Milford .... *Lecturer in Business, 1986*
B.B.A., M.B.A., Georgia State University

*Elaine F. Miller .... *Lecturer in Music 1985*
B.M., University of North Carolina at Greensboro; M.A., University of Connecticut

*Hannah L. Miller .... *Lecturer in Communication 1987*
B.A., Wake Forest College

*Eva Mills .... *Lecturer in English 1981*
B.A., University of Pennsylvania; B.A., M.A., University of Wisconsin; Ph.D., University of Cincinnati

Paul B. Newman .... *Professor of English 1963*
Carol G. Belk Faculty Fellow 1986-1988
B.S., M.A., Ph.D., University of Chicago; M.F.A., University of Iowa

*Raymond T. Nilssen .... *Lecturer in Computer Science 1988*
B.S., Wagner College; M.S., Pratt Institute

Paul Arlyn Nitsch .... *Assistant Professor of Music and Artis-in-Residence 1977*
B.Mus., M.Mus., Peabody Conservatory of Music

*David T. Norman..Lecturer in Business 1987
B.A., Furman University, M.B.A., University of North Carolina

Jeffrey A. Nystrom..Assistant Professor of Chemistry 1982
B.S., North Carolina State University; Ph.D., University of North Carolina at Chapel Hill

Jimmie C. Oates..Professor of Physics 1962
B.S., Memphis State University; M.S., Ph.D., Vanderbilt University

*John A. Oetgen..Lecturer in English 1987
A.B., St. Benedict's College, J.C.L., Lateran University

*Ben N. Pfingstag..Lecturer in Art 1984
B.A., M.A., San Francisco State College; M.A., Ph.D., State University of New York at Binghamton

Phyllis A. Pharr..............................Associate Professor of Physical Education 1964
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill

Robert F. Porter..Assoicate Professor of Art 1983
B.A., Princeton University; Ph.D., University of North Carolina at Chapel Hill

*William Clay Presley...Lecturer in Business 1981
B.S., University of South Carolina at Columbia; M.B.A., Wake Forest University

Norris W. Preyer..Dana Professor of History 1957
A.B., University of North Carolina at Chapel Hill; M.A., Ph.D., University of Virginia

Doris S. Prichard..Catalog Librarian
B.S., M.S.L.S., University of Tennessee, Knoxville

Joan Quinn..Assistant Professor of Mathematics 1987
B.S., Perdue University; M.S., Ph.D., Michigan State University

Clyda S. Rent..............Professor of Business Administration and Sociology and Vice President for Community Affairs 1972
B.A., M.S., Ph.D., Florida State University

*Rosario Spinoso..Lecturer in Music 1983
B.M., St. Theresa College; M.M., Winthrop College

*Mary Nell Saunders..Associate Professor of Music 1982
B.A., Pfeiffer College; M.M., Southern Methodist University; D.M., Indiana University

*Alan I. Schwartz..Lecturer in Computer Science 1987
B.S., Brooklyn College; M.S., Clemson University

*Stuart C. Schwartz..Lecturer in History 1976
A.B., Rutgers University; M.A., Appalachian State University

Joyce H. Shealy..............................Professor of Psychology and Chairman of the Division of Social Sciences and Education 1959
A.B., M.A., University of South Carolina; M.A., Ohio State University; Ph.D., University of North Carolina at Chapel Hill

Aleo G. Sica..Associate Professor of Music (Violin) 1969
B.Mus., B.Mus.Ed., College of Wooster; M.Mus.Ed., Virginia Commonwealth University

John William Slater..........................Assistant Professor of Communications 1986
B.A., DePaul University; M.A., University of North Carolina at Chapel Hill

*George A. Stegner......................................Dana Professor of Music (Piano) 1955
B.S., Miami University (Oxford, Ohio); B.Mus., M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College

*Robert Eugen Stigall ..*Lecturer in Music (Organ) and College Organists 1973*
B.Mus., Syracuse University; M.S.M., Union Theological Seminary

Ernest Lee Stoffel, Sr .... *Associate Professor of Religion 1987*
A.B., King College; M.Div., Th.M., Th.D., Union Theological Seminary

*Marie-Paule Stone .... *Lecturer in French 1988*
B.S., Queens College; M.S., Winthrop College

Alvin L. Sudduth .... *Lecturer in Computer Science 1988*
B.E.E., M.S.E.E., Georgia Tech; M.S.M.E., University of South Carolina

*Gilda M. Syverson .... *Lecturer in Art 1984*
B.S., State University of New York College at Buffalo; M.F.A., Southern Illinois University at Edwardsville

Michael Tager .... *Assistant Professor of Political Science 1985*
A.B., Cornell University; M.A., Ph.D., University of North Carolina at Chapel Hill

*Glenda C. Tallent .... *Lecturer in Business 1984*
B.S.B.A., Appalachian State University; M.B.A., Queens College

*W. Scott Terry .... *Lecturer in Psychology 1984*
B.A., Fairfield University; M.S., Ph.D., Yale University

Barbara L. Thacker .... *Assistant Professor of Mathematics and Computer Science 1984*
B.A., M.A., University of North Carolina at Greensborro; M.S., University of Evansville

William A. Thompson .... *Professor of History 1975*
A.B., Davidson College; M.A., Ph.D., Vanderbilt University

*Peggy Van Dyke .... *Lecturer in English and Communications 1986*
B.A., Rollins College; M.A., University of North Carolina

*Terry Vardell .... *Lecturer in Business 1986*
A.A., Florida College; B.S., University of Florida; M.B.A., University of South Florida

Robert L. Vogel .... *Associate Professor of Mathematics 1984*
B.A., Hanover College; M.A., University of Louisville; Ph.D., Emory University

*G. Bryan Wall .... *Lecturer in Business 1984*
B.S., M.A., Ph.D., North Carolina State University; D.M.D., University of Florida

Jean M. Watson .... *Associate Professor of Nursing 1987*
Diploma in Nursing, Presbyterian-St. Luke's Hospital School of Nursing; B.A., Rosary College; M.S., Northern Illinois University; Ph.D., Illinois State University

Robert W. Whalen .... *Associate Professor of History 1983*
B.S., Georgetown University; M.A., Ph.D., Cornell University

*Gary P. Williams .... *Lecturer in Sociology 1984*
B.S., M.Ed., M.A., Kent State University, Ph.D., Ohio State University

Billy O. Wireman .... *Professor of Management and Education and President of the College 1978*
A.B., Georgetown College; M.A., University of Kentucky; Ed.D., Peabody College of Vanderbilt University; L.H.D., Eckerd College; L.H.D., University of Tampa

Yolander Yoder..*Assistant Professor of Mathematics and Computer Science 1984*

B.A., Queens College; M.A., University of Florida at Gainesville

Karen J. Zapata..*Assistant Professor of Accounting and Business Administration Advisor for the Master of Business Administration Program 1987*

B.A., B.S., University of North Carolina at Chapel Hill; M.B.A., Winthrop College; Certified Public Accountant (CPA)

*Manuel L. Zapata..*Lecturer in Business 1979*

B.S.M.E., M.B.A., University of North Carolina at Charlotte

Professors Emeriti

Thelma Albright .... *Associate Professor Emeritus of English*
A.B., Greensboro College; M.A., Duke University; L.H.D., Queens College

Charles E. Brewer, Jr. .... *Associate Professor Emeritus of Economics*
A.B., Princeton University

Roberta T.S. Chalmers .... *Associate Professor Emeritus of English*
A.B., D. Litt. Mount Holyoke College; M.A., Radcliffe College; B. Litt., Oxford University (England); D. Litt., Keynon College

Nancy Eagle Duncan .... *Dana Professor Emeritus of Music*
B.S.M., University of North Carolina at Greensboro; M.A., University of North Carolina at Chapel Hill

Ann S. Gebhardt .... *Professor Emeritus of Art*
B.F.A., M.A., Ohio State University

Eleanor Lloyd Jenkins .... *Associate Professor Emeritus of Mathematics and Registrar*
B.A., Queens College; M.A., University of North Carolina at Chapel Hill

Albert R. May .... *Professor Emeritus of Music (Voice)*
Boston University of Music; Julliard School of Music

Sarah McKee Nooe .... *Professor Emeritus of Biology*
B.S., Meredith College; M.A., Columbia University

Caroline Gordon Richardson .... *Assistant Professor Emeritus of Foreign Languages (French)*
A.B., Winthrop College; M.A., University of South Carolina

George A. Shealy .... *Professor Emeritus of Art*
Indiana University; Chicago Art Institue; Bell School of Art; Oxbow School of Painting

Mary Thomas Smith .... *Associate Professor Emeritus of Religion*
A.B., M.A., East Carolina University

Mary Lee Taylor .... *Associate Professor Emeritus of Religion*
A.B., Salem College; M.R.E., The Biblical Seminary, New York

Sarah M. West .... *Assistant Professor Emeritus of Business*
B.S., Winthrop College; M.R.E., Woman's Missionary Training School (Louisville)

DEGREES CONFERRED 1987-1988

NEW COLLEGE

BACHELOR OF SCIENCE

Renee B. Cooke
Alicia W. Hearne
Jann L. Walters

BACHELOR OF ARTS

Diana L. Bringardner
Norma Jean Cline
Robert A. Combs
Debra D. Godby
Merrill E. Gowdy
Sherman D. Hager
Brenda B. Jackson
Roberta L. Matheny
Claire B. McKissick
Wendy J. Porter
Deana A. Sigmon
Cheryl W. Smith
Barbara J. Stalion
Sherif A. Tadros
Peggy S. Tucker

BACHELOR OF GENERAL STUDIES

Dorothy G. Beckham
Sandra Jaye House
Millicent R. Woods

Summer 1988

BACHELOR OF SCIENCE

Gregory R. Harden
Kim A. Harsey
Sara Lee Hinnant
Charlotte E. Pirko
Ann S. Watkins

DEGREES CONFERRED 1987-1988

THE GRADUATE SCHOOL

MASTER OF EDUCATION

Rose-Anne Beasley Beall
Jane Healy Carter
Errol Karl Genois
Yvonne Hehn Newell
Jing-Wei Qian
Judy Ann Werner

Summer 1988

Janie Walters Bird
Julie R. Hillman
Lesa Bates Tcherkezian
Gloria Smith Wansley

MASTER OF LIBERAL ARTS

Drusilla Stoker Ingold

MASTER OF BUSINESS ADMINISTRATION

William Bradley Davis
William Leo Foxx
Susan Elaine Gardner
Mary Olive Johnson
Kevin Parks King
Paul Harley McMinn
Raymond A. Peter
José A. Royo
Dorothy Elizabeth Ruth
Anne Trammell Short
Frank L. Stretz
Thomas Noel Taube, Jr.
Belinda Blandine Venner
Royallen Paul Wiley

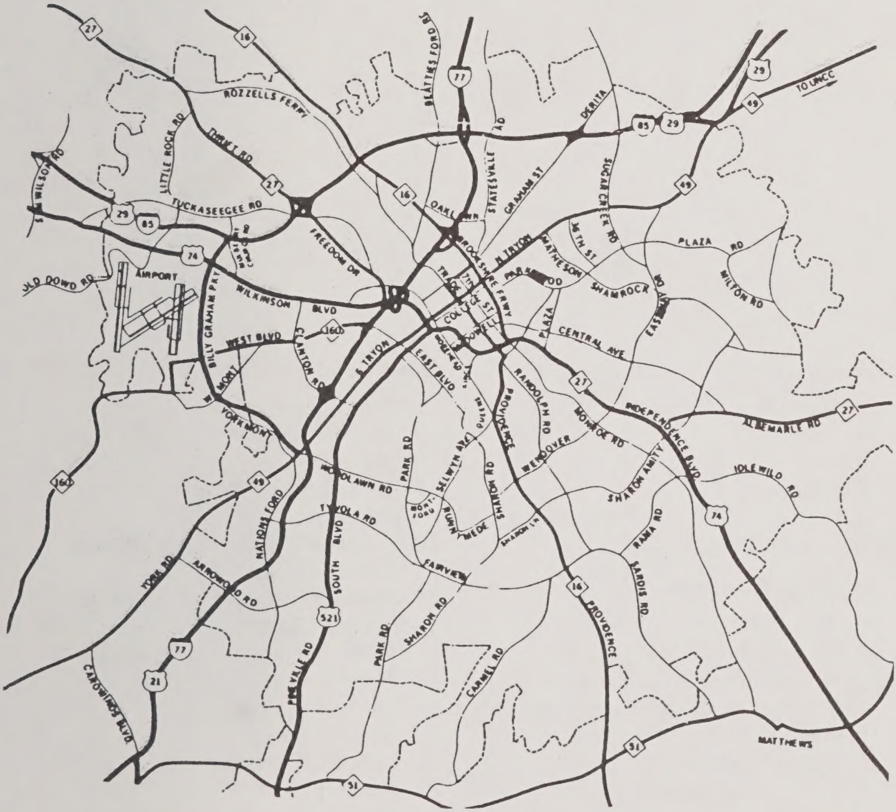
Summer 1988

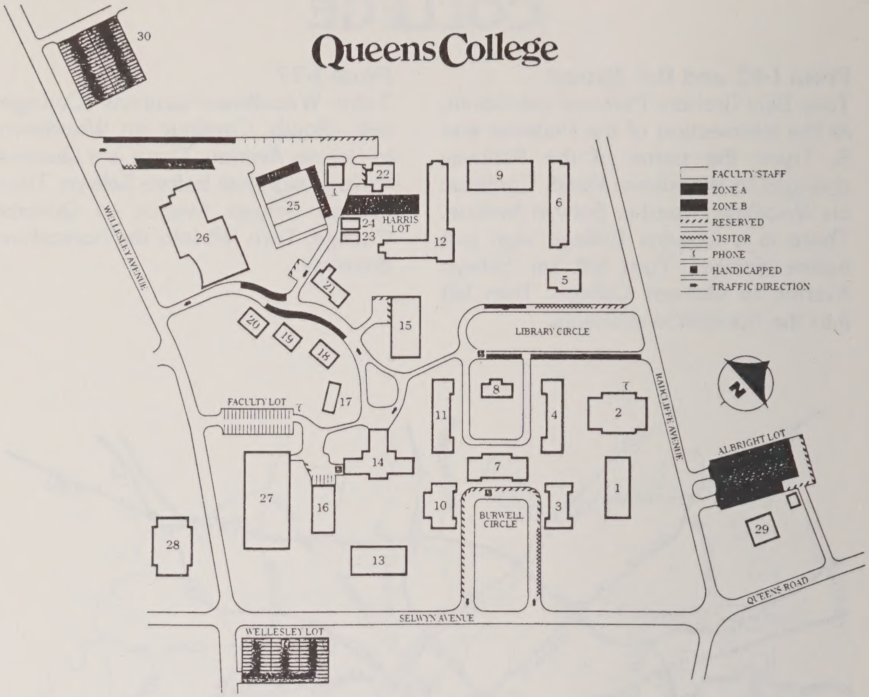
Burise Chester Bittle, Jr.
Nona LaRose Fahl
Linda Louise Gordon
Terrence Patrick Harper
Janet Kathryn Harvey
Diane Lynch Hogue
David William Hord
Jean Paul Ladebauche
Jacqueline Waites Moss
William Sehon Rose, Jr.
Jerome Carl Santoni
Elizabeth Giles Setser
Jeffrey Russell Setser
Paul Howard Smetana
Richard Edgar Thomas
Diane Lucinda Trost

DIRECTIONS TO QUEENS COLLEGE

From I-85 and the Airport
Take Billy Graham Parkway exit-South. At the intersection of the Parkway and S. Tryon the name of the Parkway changes to Woodlawn Road. Continue on Woodlawn Road to Selwyn Avenue. There is a Queens College sign just before Selwyn. Turn left on Selwyn Avenue to Queens College. Turn left into the horseshoe driveway.

From I-77
Take Woodlawn/Queens College exit—South. Continue on Woodlawn to Selwyn Avenue. There is a Queens College sign just before Selwyn. Turn left on Selwyn Avenue to Queens College. Turn left into the horseshoe driveway.


27
16
BEATTIES FORD RD
77
ROZZELLS FERRY
LITTLE ROCK RD
S WILSON RD
TUCKASEEGEE RD
29
85
74
OLD DOWD RD
AIRPORT
FREEDOM DR
WILKINSON BLVD
BILLY GRAHAM PKY
WEST BLVD
160
CLANTON RD
S. TRYON
W MONT
YORKMONT
OAKLAWN
STATESVILLE RD
GRAHAM ST
DERITA
SUGAR CREEK RD
TO UNCC
49
PLAZA RD
MILTON RD
N TRYON
36TH ST
MATHESON
SHAMROCK
EASTWAY RD
BROOKSHIRE FRWY
TRADE
7TH ST
COLLEGE ST
MCDOWELL
PLAZA
CENTRAL AVE
INDEPENDENCE BLVD
ALBEMARLE RD
EAST BLVD
RANDOLPH RD
PROVIDENCE
MONROE RD
QUEENS
SELWYN AVE
PARK RD
WOODLAWN RD
WENDOVER
SHARON AMITY
IDLEWILD RD
TYVOLA RD
MONTFORD
RUNNYMEDE
SHARON RD
SHARON LN
NATIONS FORD
SOUTH BLVD
ARROWOOD RD
YORK RD
FAIRVIEW
RAMA RD
SARDIS RD
521
CAROWINDS BLVD
21
PINEVILLE RD
CARMEL RD
51
MATTHEWS


Queens College
FACULTY/STAFF
ZONE A
ZONE B
RESERVED
VISITOR
PHONE
HANDICAPPED
TRAFFIC DIRECTION
N
WELLESLEY AVENUE
HARRIS LOT
LIBRARY CIRCLE
FACULTY LOT
BURWELL CIRCLE
RADCLIFFE AVENUE
ALBRIGHT LOT
QUEENS ROAD
SELWYN AVENUE
WELLESLEY LOT
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Residence Halls

2. Albright
4. Long
6. Belk
9. Wallace
12. Harris
28. Barnhardt

Academic Buildings

8. Blair Building
11. Watkins Art Building
13. Walker Science Building (Mainframe Computer Center)
16. Dana Building
26. Ovens Gymnasium
27. E.H. Little Fine Arts Center

Other Buildings

1. Belk Chapel
3. Jernigan Building
5. Stultz Building
7. Burwell Hall (Administrative Offices)
10. McEwen Building (Administrative Offices, QUILL)
14. Morrison Dining Hall (Bookstore)
15. Everett Library
17. Tiliett Building (Maintenance)
18. Faculty Club
19. Sorority Lodge
20. Sorority Lodge
21. Irwin-McKay Infirmary
22. Heating Plant
23. Greenhouse
24. Maintenance Shop
25. Tennis Courts
29. Mecklenburg Presbytery Center
30. Myers Park Traditional School (Parking)

Queens College
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Charlotte, NC 28274-0001

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